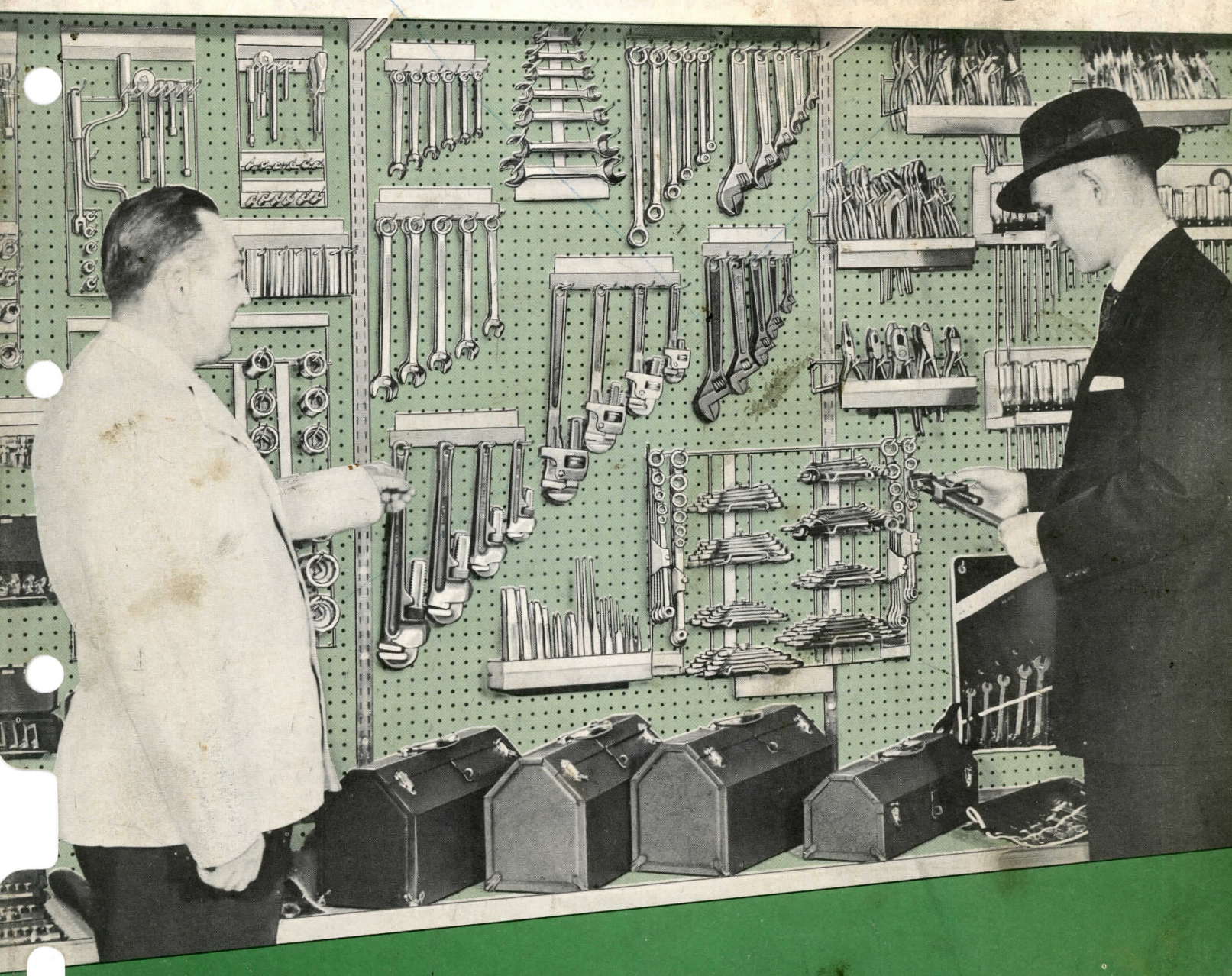
challenger

FINE QUALITY

MADE IN AMERICA

HAND TOOLS



MANUFACTURED BY

PENENS TOOL CORPORATION • Schiller Park, Illinois

...SUBSIDIARY OF PENDLETON TOOL INDUSTRIES, INC.

"OVER FIFTY YEARS OF FINE TOOL ENGINEERING"

CANADIAN PLANT LONDON, ONTARIO

CAT. C-600

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challenger

FINE QUALITY HAND TOOLS AT POPULAR PRICES

All tools shown in this catalog are manufactured in strict accordance with Challenger's single purpose—*to put into your hands fine precision tools at low cost.* Testifying to how amply this aim is fulfilled, millions of Challenger Tools are used every day by exacting mechanics in almost every phase of modern industry, service and repair . . . as well as by home owners, farmers and anyone who demands accurate, efficient, long-life performance. It is this huge nation-wide acceptance which enables Challenger to excel in streamlined precision-production methods . . . and the resulting savings are transferred to you every time you buy a Challenger Tool.

"Over Fifty Years of Fine Tool Engineering"

DESIGNED TO PERFORM Examine the up-to-the-minute construction and features of any Challenger Tool . . . then try its proved performance. *The engineering superiority is immediately apparent.* Years of experience, plus continuous on-the-job testing of tools in actual service, gives Challenger's engineering staff "know how" second to none.

TOOL BODIES ARE FINE QUALITY ALLOYS AND SELECTED STEELS Challenger's advanced metallurgy assures you of tools with rugged "built-in" strength to deliver long service and withstand powerful strains. Choice of metal, hot-forging, hot-broaching, heat-treating and tempering for toughest grain structure are all scientifically-controlled for the use requirements of each tool.

PRECISION MADE Like Challenger's metallurgy, rigid standards also govern every step of manufacture to provide you with tools of absolute precision accuracy . . . as fine as experienced craftsmen and modern machines can produce.

SUPERBLY FINISHED Beautiful, enduring finish (correct for service requirements) is the final feature which makes Challenger in every respect tools you will always be proud to own and use.

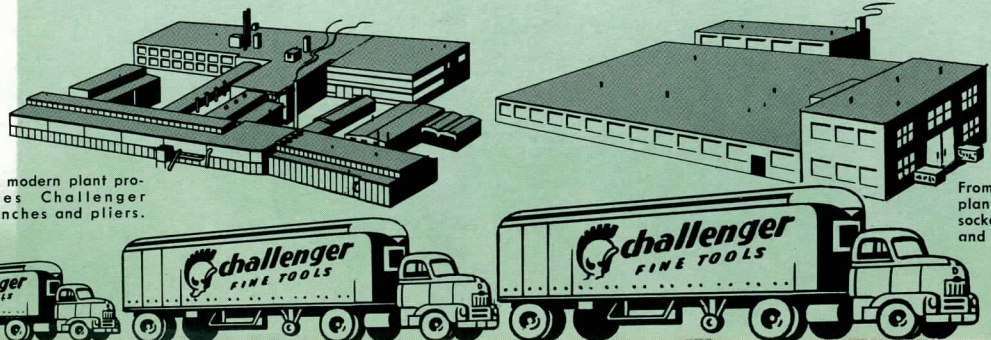
CHALLENGER TOOLS ARE NATIONALLY ADVERTISED in leading publications. For jobbers and dealers—merchandising helps such as mats, cuts, consumer leaflets, window streamers, catalog pages, broadsides, etc. are available. Write Dept. C,

challenger GUARANTEE

All Challenger Tools are fully Guaranteed against defects in material and workmanship. WE WILL REPLACE OR REPAIR AT NO CHARGE ANY CHALLENGER TOOL, RETURNED PREPAID TO FACTORY, WHICH WHEN RECEIVED AND EXAMINED AT THE FACTORY, SHOWS DEFECTS EITHER IN WORKMANSHIP OR MATERIALS . . . *the only exception being that, in all fairness, tools which show obvious misuse or abuse, or are worn out from use, will not be replaced.*

H. H. Ryder

President, PENENS CORPORATION



This modern plant produces Challenger wrenches and pliers.

From this streamlined plant come Challenger sockets, attachments and tool boxes.

challenger FINE TOOLS

MADE IN AMERICA

ALLOY STEEL

SOCKETS, HANDLES & ATTACHMENTS

1/4"

ALLOY STEEL

The "Midget-Size" 1/4" Square Drive Sockets and Attachments are indispensable for small nut turning in automotive, appliance, motor, radio, aircraft and electrical work. Scientifically heat-treated Alloy Steel is used throughout for tool bodies.

Sockets are thin-wall for close work . . . hot-broached for extra toughness . . . precision machined . . . finished in Sparkling Mirror Chrome. Handles and Attachments are hot-forged . . . lightweight and streamlined for fastest, easiest performance . . . also Mirror Chrome Plated.

1/4" Square Drive THIN-WALL ALLOY SOCKETS

1006 (6 pt. Series)

1008S (8 pt. Series)

1010T (12 pt. Series)

Tool No.	Opening Size	Wt. Ea. Oz.	Std. Pkg.
	6 POINT		
1006	3/16"	1/4	6
1007	7/32"	1/2	6
1008	1/4"	1/2	6
1009	9/32"	1/2	6
1010	5/16"	1/2	6
1011	11/32"	3/4	6
1012	3/8"	3/4	6
1014	7/16"	3/4	6

Tool No.	Opening Size	Wt. Ea. Oz.	Std. Pkg.
	8 POINT		
1008S	1/4"	1/2	6
1010S	5/16"	3/4	6
1012S	3/8"	1	6
	12 POINT		
1010T	5/16"	1/2	6
1011T	11/32"	3/4	6
1012T	3/8"	3/4	6
1014T	7/16"	3/4	6
1016T	1/2"	3/4	6

1/4" DRIVE ATTACHMENTS

UNIVERSAL JOINT

Works freely at any angle . . . converts any 1/4" drive attachment into flexible wrench.

Tool No.	Length	Wt. Ea. Oz.	Std. Pkg.
1080	1 1/2"	2	3

EXTENSIONS

Handy sizes for extending reach of attachments. Positive locking device holds tools tight.

Tool No.	Length	Wt. Ea. Oz.	Std. Pkg.
1065	3"	1	3
1066	6"	2	3

SLIDE BAR

Serves both as ell or tee handle. Plug holds firm at any place on bar by tension device.

Tool No.	Length	Wt. Ea. Oz.	Std. Pkg.
1078	4"	1 1/8	3

REVERSIBLE RATCHET

Smooth, positive action. Round Head is forged in one piece with handle. Top plate has "thumb-tip" reverse.

Tool No.	Description	Length	Wt. Ea. Oz.	Std. Pkg.
1060	Round Head	5"	3 3/8	3

FLEX HANDLE

Plug holds firmly at any angle by ball and spring. Handle drilled for cross bar.

Tool No.	Length	Wt. Ea. Oz.	Std. Pkg.
1070	5 1/2"	2 1/4	3

SPINNER HANDLE

Clear Plastic Handle is Electric-Shock-Proof.

Tool No.	Length	Wt. Ea. Oz.	Std. Pkg.
1063	6"	2 1/2	3

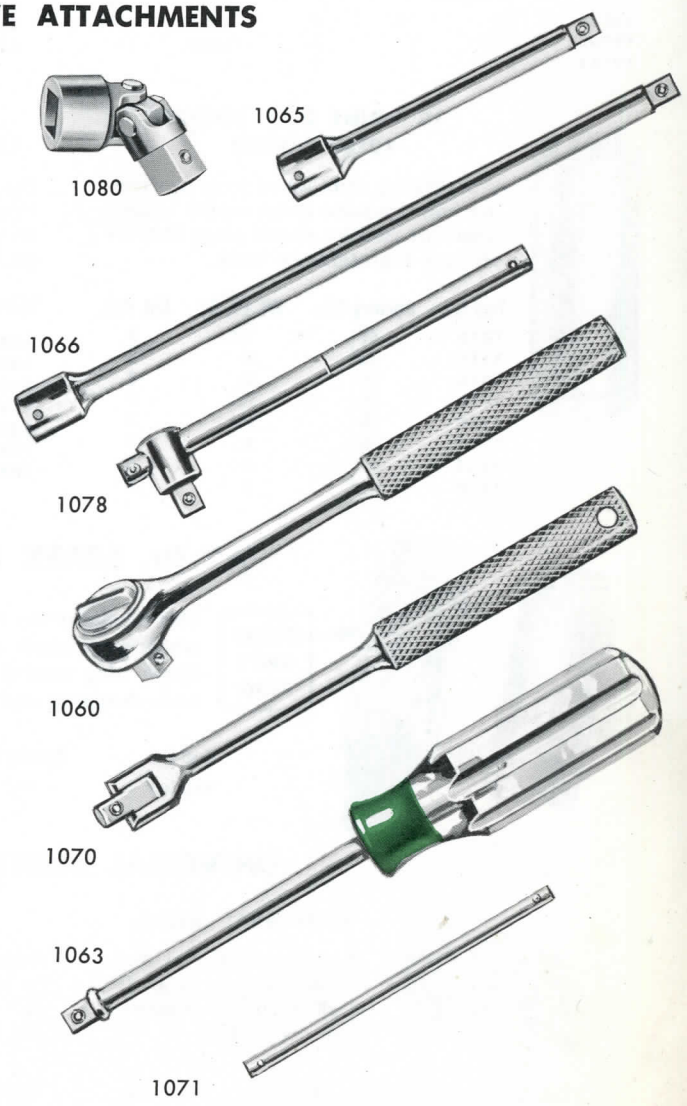
CROSS BAR

Use with flex handle for ell or tee combinations.

Tool No.	Length	Wt. Ea. Oz.	Std. Pkg.
1071	3"	1/4	3

RATCHET REPAIR KITS

Replacement parts available for both Round Head or Oval Head Ratchets. See Price List.



3/8" Square Drive THIN-WALL ALLOY SOCKETS

In 3/8" Square Drive Sockets you have a wide size range for turning popular-use nuts and bolts . . . also styles to meet every service requirement—regular sockets, universal sockets, deep sockets, spark-plug-holding socket, plus universal joint and adapters.

Every detail reflects the best in Engineering and Manufacture . . . (1) Design is new Thin-Wall . . . (2) Bodies are forged from Special Alloy Steel . . . (3) Hot-broached for precision accuracy . . . (4) Heat-treated for utmost durability . . . plated with rust-resistant mirror chrome.

1216H (6 pt. Series)

1212S (8 pt. Series)

1216 (12 pt. Series)

1210M (METRIC SERIES 6 pt.)

REGULAR STYLE

Tool No.	Opening Size	Wt. Ea. Oz.	Std. Pkg.
6 POINT			
1212H	3/8"	3/4	6
1214H	7/16"	1	6
1216H	1/2"	1	6
1218H	9/16"	1 1/8	6
1220H	5/8"	1 1/4	6
1222H	11/16"	2 1/8	6
1224H	3/4"	2 1/8	6
8 POINT			
1212S	3/8"	3/4	3
1214S	7/16"	1	3
1216S	1/2"	1	3

Tool No.	Opening Size	Wt. Ea. Oz.	Std. Pkg.
12 POINT			
1212	3/8"	3/4	6
1214	7/16"	1	6
1216	1/2"	1	6
1218	9/16"	1 1/8	6
1220	5/8"	1 1/4	6
1222	11/16"	2 1/8	6
1224	3/4"	2 1/8	6
1226	13/16"	3 1/4	6
1228	7/8"	3 1/2	6
1230	15/16"	4 1/4	6
1232	1"	4 1/2	6

METRIC SOCKETS (6 pt.)

For metric-size machinery, foreign autos, motors, motorcycles, scooters, bicycles, etc.

Tool No.	Opening Size	Wt. Ea. Oz.	Std. Pkg.
1209M	9MM	3/4	6
1210M	10MM	1	6
1211M	11MM	1	6
1212M	12MM	1 1/8	6
1214M	14MM	1 1/4	6
1217M	17MM	2 1/8	6
1219M	19MM	2 1/8	6

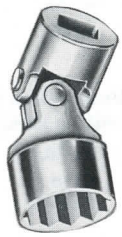
12 POINT DEEP SOCKETS (2 1/8" LONG)

For turning nuts when long protruding bolts require extra socket length. Ideal for smaller spark plugs and for aircraft maintenance work.

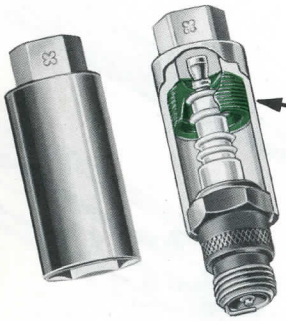
Tool No.	Opening Size	Wt. Ea. Oz.	Std. Pkg.
1312	3/8"	1 3/4	3
1314	7/16"	2	3
1316	1/2"	2	3
1318	9/16"	2 1/4	3
1320	5/8"	2 1/3	3
1322	11/16"	3	3
1324	3/4"	4	3
1326	13/16"	4	3

12 POINT UNIVERSAL SOCKETS

Operates at angles . . . for easy nut turning when obstructions bar use of straight drives. Locking device holds sockets in desired position.



Tool No.	Opening Size	Wt. Ea. Oz.	Std. Pkg.
1281	3/8"	1 3/4	3
1282	7/16"	1 1/2	3
1283	1/2"	2	3
1284	9/16"	1 3/4	3
1285	5/8"	2	3
1286	11/16"	2 1/4	3
1287	3/4"	2 1/2	3



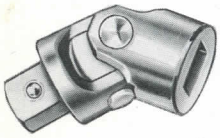
3/8" Dr. SPARK PLUG HOLDING SOCKET

This revolutionary new Socket has a Neoprene Cushion Insert which grips spark plug firmly for easy starting or removing. Spark plug cannot fall out. Also prevents cracking of plug from dropping and burning of fingers.

Tool No.	Opening Size	Wt. Ea. Oz.	Std. Pkg.
1326HP	13/16"	5	3

UNIVERSAL JOINT & ADAPTERS

UNIVERSAL JOINT

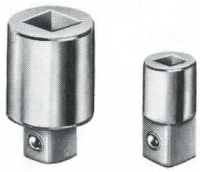


Performs freely at any angle. Permits you to work in spots not otherwise accessible.

Tool No.	Opening Size	Wt. Ea. Oz.	Std. Pkg.
1280	3/8"	1 3/4	3

ADAPTERS

Adapts 1/2" Dr. Attachments to 3/8" Dr. Sockets (1254) or 1/4" Dr. Attachments to 3/8" Dr. Sockets (1279).



Tool No.	Opening Size	Wt. Ea. Oz.	Std. Pkg.
1254	1/2" F, 3/8" M.	3	3
1279	1/4" F, 3/8" M.	2	3

ALLOY STEEL

ALLOY STEEL

3/8" Square Drive RATCHETS, HANDLES & ATTACHMENTS

Here is a selection of Ratchets, Handles and Attachments that provides all-around adaptability for 3/8" drive socket assemblies.

Designs incorporate finest features and advantages of modern tool craftsmanship . . . are lightweight, scientifically balanced and streamlined for peak efficiency, for easiest performance.

Tool bodies are made of Special Alloy Steel to assure both long service and maximum strength under severest service conditions. Handles are hot-forged and hot-riveted.

All these tools are plated with sparkling mirror finish chrome that resists rust, corrosion and wear. Factory Guarantee fully covers quality and workmanship.

REVERSIBLE RATCHETS

Both Round Head (1260) forged in one piece with handle, in mirror chrome . . . and "Tear Drop" Head (1261) in mirror chrome. Fast smooth action, instant reverse.

Tool No.	Description	Length	Wt. Ea. Oz.	Std. Pkg.
1260	Round Head	7½"	8¾	3
1261	Oval Head	7"	9¼	3

FLEX HANDLE

Works at any required angle; ball and spring holds hinged plug firmly in position. Mirror chrome finish.

Tool No.	Length	Wt. Ea. Oz.	Std. Pkg.
1270	10"	7	3

SPEEDER HANDLE

Speeds up work . . . spins nuts on and off *fast*. Mirror chrome finish.

Tool No.	Length	Wt. Ea. Oz.	Std. Pkg.
1275	16"	12¾	3

EXTENSIONS

Give longer reach, make jobs easier. Finished in mirror chrome.

Tool No.	Length	Wt. Ea. Oz.	Std. Pkg.
1265	3"	2¼	3
1266	6"	3¼	3
1268	12"	6	3

SLIDE BAR

Use both as tee or ell handle. Sliding head held in position on bar by spring-ball tension. Mirror chrome plated.

Tool No.	Length	Wt. Ea. Oz.	Std. Pkg.
1278	7"	5	3

CROSS BAR

Use with Flex Handle to form tee or ell. Mirror chrome plated.

Tool No.	Length	Wt. Ea. Oz.	Std. Pkg.
1271	6"	2	3

RATCHET REPAIR KITS

Replacement parts available for both Round Head and Oval Head Ratchets. See Price List.

1/2" Square Drive THIN-WALL ALLOY SOCKETS

MIRROR CHROME PLATE resists rust, wipes clean instantly.

For close work THIN WALL ALLOY PRECISION MACHINED

Hot broaching assures accurate fit.

1/2" Square Drive Sockets are the most essential tools for nut turning because they cover the greatest variety of jobs in homes, on farms and in automotive, aircraft and industrial fields.

Forged from tough Alloy Steel, these sockets are also hot-broached and machined to precision size for accurate, non-slip fit.

All sockets on this page are thin-wall design for working in tightest places where ordinary sockets cannot perform. Beautiful Mirror Chrome Plating preserves original lustre against oil, water and acids . . . wipes clean instantly. Factory Guarantee covers Quality of Materials and Workmanship.

ALLOY STEEL

REGULAR STYLE

1614S

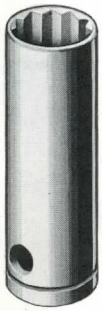
8 POINT SERIES

Tool No.	Opening Size	Wt. Ea. Oz.	Std. Pkg.
1614S	7/16"	2¼	3
1616S	1/2"	2¼	3
1618S	9/16"	2¾	3
1620S	5/8"	3¾	3
1624S	3/4"	5¼	3

1614

12 POINT SERIES

1614	7/16"	2	6
1616	1/2"	2⅛	6
1618	9/16"	2⅛	6
1619	19/32"	2⅛	6
1620	5/8"	2¾	6
1621	21/32"	2¾	6
1622	11/16"	3	6
1624	3/4"	2¾	6
1625	25/32"	3	6
1626	13/16"	3¾	6
1628	7/8"	3⅞	6
1630	15/16"	5½	6
1632	1"	6⅛	6
1634	1 1/16"	6½	3
1636	1⅛"	7	3
1640	1¼"	9⅞	3



1718

EXTRA DEEP SOCKETS

12 POINT SERIES

1718	9/16"	4	3
1720	5/8"	4½	3
1722	11/16"	5	3
1724	3/4"	6¼	3
1726	13/16"	6⅛	3
1728	7/8"	8¼	3
1730	15/16"	8¾	3
1732	1"	9⅞	3
1736	1⅛"	12¾	3

FOR FORD V-8 CONNECTING ROD

Tool No.	Opening Size	Wt. Ea. Oz.	Std. Pkg.
1651	9/16"	2⅛	3

1651

SCREWDRIVER SOCKET

Tightens or loosens slotted nuts, tie rods, drag links, drain plugs. For 1/2" Dr. Attachments. Alloy steel, satin chrome plated.

Tool No.	Bit Width	Wt. Ea. Oz.	Std. Pkg.
1645	3/4"	2	3

1645

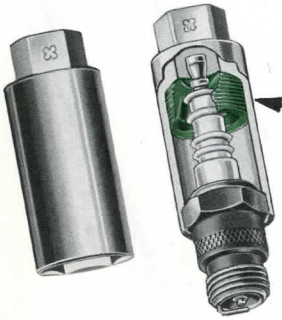
UNIVERSAL JOINT

Converts 1/2" Square Drive Attachments into flexible nut-turners . . . works freely at angles. Alloy Steel, Mirror Chrome Plated.

Tool No.	Drive Size	Wt. Ea. Oz.	Std. Pkg.
1680	1/2"	3	3

1680

1/2" Dr. SPARK PLUG HOLDING SOCKET



Prevents cracking of plugs or burning of fingers. Revolutionary new Neoprene Cushion Insert grips plug firmly so it cannot fall out of socket, holds plug accurately in position for easy starting or removing.

Tool No.	Opening Size	Wt. Ea. Oz.	Std. Pkg.
1726HP	13/16"	8	3

MADE IN AMERICA

ALLOY STEEL

NEW SOCKETMASTERS

Masterpieces of Modern Tool Engineering! New "Comfort-in-Use" Handles of durable composition insulated against heat, cold and electricity . . . are lifetime bonded to the metal . . . resist wear and abrasion . . . are cut-proof and impervious to solvents, gasoline and oil. *Available individually . . . also in ½" Drive Sets.*

In this wide range of ½" Drive Attachments you will find the correct tool to meet every nut-turning requirement. Newest Streamlined Designs assure top performance. Finest Quality throughout for durability and accuracy . . . hot-forged from strong Alloy Steel . . . precision machined . . . and finished in all-over sparkling Mirror Chrome. Factory Guaranteed.

REVERSIBLE RATCHETS

Velvet smooth action. Round Head (1650 & 1660) forged in one piece with handle, top-plate reverse. Oval Head (1661) with lever reverse. Mirror Chrome Plated.

Tool No.	Description	Length	Wt. Ea. Oz.	Std. Pkg.
1650	Socketmaster	10¼"	1 lb. 5 oz.	3
1660	Round Head	10¼"	1 lb. 5 oz.	3
1661	Oval Head	9½"	1 lb. 5 oz.	3

FLEX HANDLES

Ball and spring tension hold plug at selected angle. Choice of three styles, chrome plated.

Tool No.		Length	Wt. Ea. Oz.	Std. Pkg.
1670		16"	1 lb. 9½ oz.	3
1672		15"	1 lb. 4 oz.	3
1690	(Socketmaster)	15"	1 lb. 5 oz.	3

SPEEDER HANDLE

Indispensable for fast nut turning. Locking device holds sockets firmly. Mirror chrome plated.

Tool No.	Length	Wt. Ea. Oz.	Std. Pkg.
1675	18"	1 lb. 9 oz.	3

EXTENSIONS

Two mirror-chrome-plated extensions give longer reach for jobs.

Tool No.	Length	Wt. Ea. Oz.	Std. Pkg.
1666	5½"	6¾	3
1667	11"	11	3

ELL HANDLE

For turning spark plug sockets. Satin chrome plated.

Tool No.	Length	Wt. Ea. Oz.	Std. Pkg.
1679	8½"	12½	3

SLIDE BAR

Use as tee or ell handle with sockets or extensions. Mirror chrome plated.

Tool No.	Length	Wt. Ea. Oz.	Std. Pkg.
1678	9"	14	3

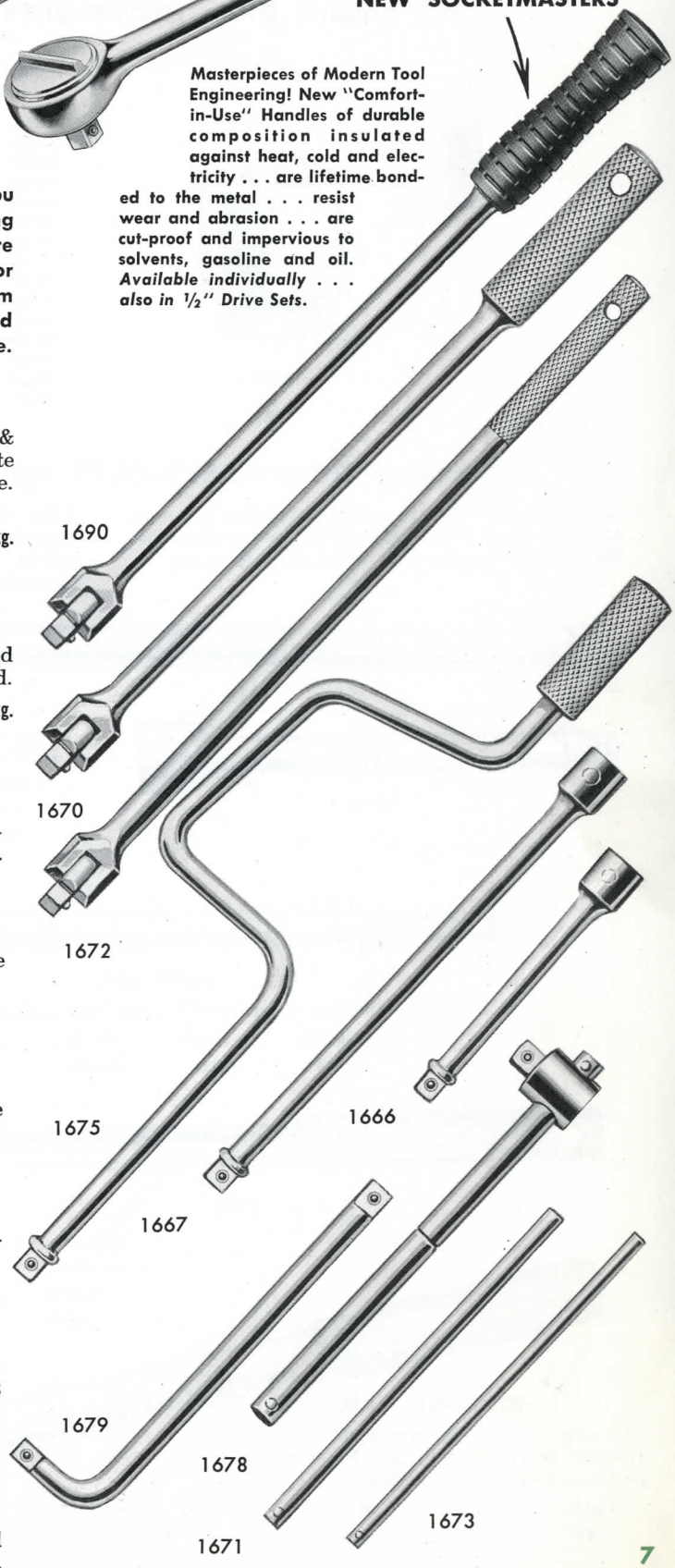
CROSS BARS

Make Flex Handles into ell or tee combinations. Use No. 1671 with Handle No. 1670; No. 1673 with Handle No. 1672, Chrome plated.

Tool No.	Length	Wt. Ea. Oz.	Std. Pkg.
1671	8"	4	3
1673	8"	3½	3

RATCHET REPAIR KIT

Replacement parts are available for both Round Head and Oval Head Ratchets. See Price List.



ALLOY STEEL

SOCKETS, HANDLES & ATTACHMENTS

challenger FINE TOOLS

MADE IN AMERICA

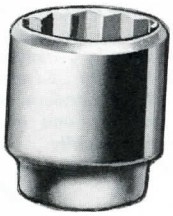
ALLOY STEEL

For heavy-duty work on trucks, buses, tractors, farm machinery and industrial and construction equipment . . . these 3/4" Square Drive Sockets are built to withstand extreme stress and hard service. Turn all nut and bolt heads from 1 1/16" through 2".

Made of same fine Alloy and with same precision accuracy as the smaller drive sockets. Hot-broaching of Alloy provides even greater toughness . . . and the Sparkling Chrome Finish resists wear, acids and corrosion. Factory Guaranteed Quality and Workmanship.

3/4" Square Drive HEAVY-DUTY ALLOY SOCKETS

1834



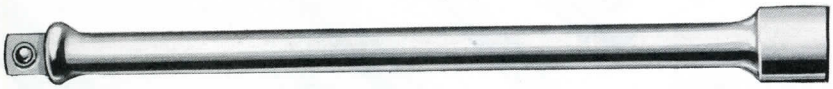
1864

Tool No.	Opening Size	Wt. Ea. Lb.	Std. Pkg.
	12 POINT		
1834	1 1/16"	.48	3
1836	1 1/8"	.53	3
1838	1 3/16"	.58	3
1840	1 1/4"	.70	3
1842	1 5/16"	.70	3
1844	1 3/8"	.73	3
1846	1 7/16"	.80	3
1848	1 1/2"	.85	3
1850	1 9/16"	.90	3
1852	1 5/8"	1.05	2
1854	1 11/16"	1.35	2
1856	1 3/4"	1.45	2
1858	1 13/16"	1.80	2
1860	1 7/8"	1.90	2
1864	2"	2.13	2

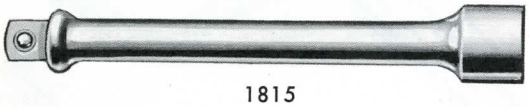
3/4" Square Drive HEAVY-DUTY HANDLES & ATTACHMENTS

Extra rugged, extra strong both in design and manufacture. Note 20" length of Ratchet and of Flex Handle which assure powerful, easy leverage.

Alloy Steel throughout . . . heat treated . . . machined to highest precision standards . . . all-over plated in sparkling, durable Chrome. Factory Guaranteed.



1817

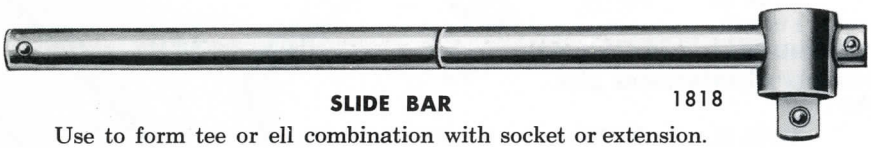


1815

EXTENSIONS

Two lengths to increase work range of tools. Hold sockets firmly in place.

Tool No.	Length	Wt. Ea.	Std. Pkg.
1815	8"	1.43 lbs.	2
1817	13"	1.85 lbs.	2



1818

SLIDE BAR

Use to form tee or ell combination with socket or extension.

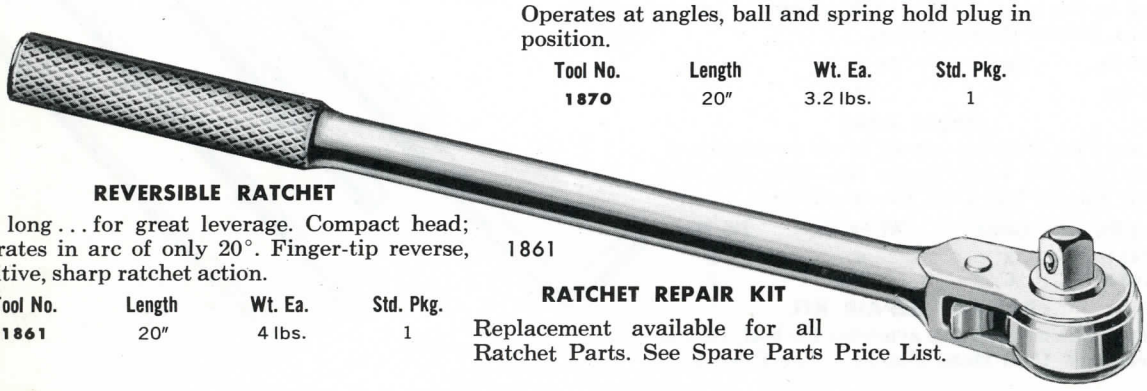
Tool No.	Length	Wt. Ea.	Std. Pkg.
1818	15"	2.24 lbs.	2

1870

FLEX HANDLE

Operates at angles, ball and spring hold plug in position.

Tool No.	Length	Wt. Ea.	Std. Pkg.
1870	20"	3.2 lbs.	1



1861

REVERSIBLE RATCHET

20" long . . . for great leverage. Compact head; operates in arc of only 20°. Finger-tip reverse, positive, sharp ratchet action.

Tool No.	Length	Wt. Ea.	Std. Pkg.
1861	20"	4 lbs.	1

RATCHET REPAIR KIT

Replacement available for all Ratchet Parts. See Spare Parts Price List.

challenger FINE TOOLS

ALLOY STEEL SOCKET SETS

1/4"

MADE IN AMERICA

ALLOY STEEL

SET No. 2300-A
11 pcs.

Has basic tools for radio, TV, carburetor, ignition, motor jobs, hobby work . . . also for fine automotive and aviation adjustments.

WITH NEW "Pick-Zuick" FEATURE

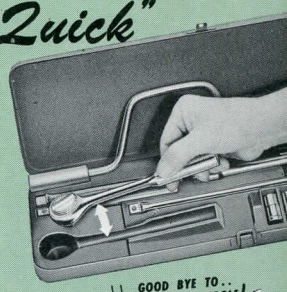
Tool No.	Description	Tool No.	Description
1063	Spinner, 6"	1008S	Skt. 8 pt., 1/4"
1008	Skt. 6 pt., 1/4"	1010S	Skt. 8 pt., 5/16"
1009	Skt. 6 pt., 9/32"	1012S	Skt. 8 pt., 3/8"
1010	Skt. 6 pt., 5/16"	9002	Steel Tool Box
1011	Skt. 6 pt., 11/32"	9070	Insert
1012	Skt. 6 pt., 3/8"		
1014	Skt. 6 pt., 7/16"		

Shpg. Wt. 14 oz. Std. Pkg. 1

NEW "Pick-Zuick"

STOPS ALL "TOOL FUMBLING"

No wasted time—no frustration—*because Exact-fit "Contours" keep tools in correct places.* Every Socket and Attachment is always visible . . . always handy for finger-tip removal. When lid is closed, tools are locked in position.



SET No. 2301-A—12 pcs.

Expanded set which includes slide bar in addition to electric-shock-proof spinner handle. Slide bar can be used with sockets to form tee handle . . . also as ell handle for greater leverage.

Tool No.	Description	Tool No.	Description
1063	Spinner 6"	1014	Skt., 6 pt., 7/16"
1078	Slide Bar, 4"	1008S	Skt., 8 pt., 1/4"
1008	Skt., 6 pt., 1/4"	1010S	Skt., 8 pt., 5/16"
1009	Skt., 6 pt., 9/32"	1012S	Skt., 8 pt., 3/8"
1010	Skt., 6 pt., 5/16"	9002	Steel Tool Box
1011	Skt., 6 pt., 11/32"	9070	Insert
1012	Skt., 6 pt., 3/8"		

Shpg. Wt. 1 lb. Std. Pkg. 1

WITH NEW "Pick-Zuick" FEATURE

SET No. 2302-A—11 pcs.

The flex handle in this set works at any angle . . . upright for nut spinning and horizontal for nut tightening.

Tool No.	Description	Tool No.	Description
1070	Flex Handle 5 1/2"	1008S	Skt., 8 pt., 1/4"
1008	Skt., 6 pt., 1/4"	1010S	Skt., 8 pt., 5/16"
1009	Skt., 6 pt., 9/32"	1012S	Skt., 8 pt., 3/8"
1010	Skt., 6 pt., 5/16"	9002	Steel Tool Box
1011	Skt., 6 pt., 11/32"	9070	Insert
1012	Skt., 6 pt., 3/8"		
1014	Skt., 6 pt., 7/16"		

Shpg. Wt. 1 1/4 lbs. Std. Pkg. 1

WITH NEW "Pick-Zuick" FEATURE

SET No. 2303-A—15 pcs.

Exceedingly popular set with wide selection of nut turning tools and eleven 6 & 8 pt. sockets. "Velvet smooth" reversible ratchet, flex handle plus 3" extension provide versatility.

Tool No.	Description	Tool No.	Description
1060	Ratchet, Round Head	1012	Skt., 6 pt., 3/8"
1065	Extension 3"	1014	Skt., 6 pt., 7/16"
1070	Flex Handle 5 1/2"	1008S	Skt., 8 pt., 1/4"
1007	Skt., 6 pt., 7/32"	1010S	Skt., 8 pt., 5/16"
1008	Skt., 6 pt., 1/4"	1012S	Skt., 8 pt., 3/8"
1009	Skt., 6 pt., 9/32"	1016	Skt., 12 pt., 1/2"
1010	Skt., 6 pt., 5/16"	9002	Steel Tool Box
1011	Skt., 6 pt., 11/32"	9071	Insert

Shpg. Wt. 1 1/2 lbs. Std. Pkg. 1

WITH NEW "Pick-Zuick" FEATURE

SET No. 2304-A—16 pcs.

Most efficient, most complete! With this mechanic's set every kind of small nut assembly and repair job can be handled. Has full range of sockets for hex and square nuts . . . also 4 attachments.

Tool No.	Description	Tool No.	Description
1060	Ratchet, Round Head	1011	Skt., 6 pt., 11/32"
1065	Extension 3"	1012	Skt., 6 pt., 3/8"
1066	Extension 6"	1014	Skt., 6 pt., 7/16"
1070	Flex Handle 5 1/2"	1008S	Skt., 8 pt., 1/4"
1006	Skt., 6 pt., 3/16"	1010S	Skt., 8 pt., 5/16"
1007	Skt., 6 pt., 7/32"	1012S	Skt., 8 pt., 3/8"
1008	Skt., 6 pt., 1/4"	9002	Steel Tool Box
1009	Skt., 6 pt., 9/32"	9071	Insert
1010	Skt., 6 pt., 5/16"		

Shpg. Wt. 1 lb. 10 oz. Std. Pkg. 1

WITH NEW "Pick-Zuick" FEATURE

ALLOY STEEL SOCKET SETS

3/8"

challenger FINE TOOLS

MADE IN AMERICA

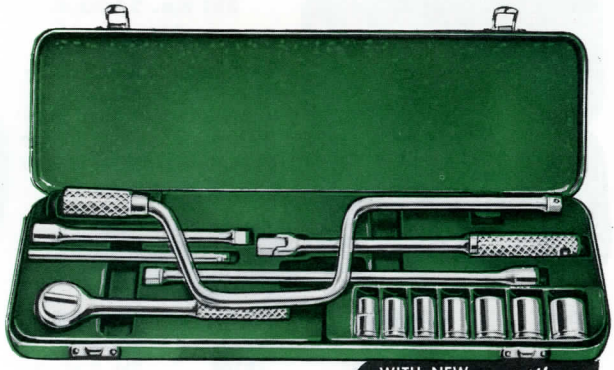
Components of these 3/8" Sq. Dr. Sets are illustrated and described on pages 4 and 5.

ALLOY STEEL

NEW "Pick-Zuick"

STOPS ALL "TOOL FUMBLING"

No wasted time—no frustration—*because Exact-fit "Contours" keep tools in correct places.* Every Socket and Attachment is always visible . . . always handy for finger-tip removal. When lid is closed, tools are locked in position.



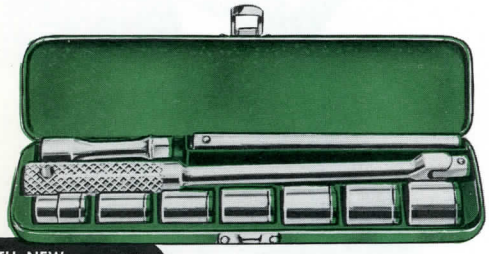
WITH NEW "Pick-Zuick" FEATURE

No. 2402-A * • 14 pcs.

Highly adaptable general service set for farm, home, automotive, aircraft, motor, appliance and industrial fields. Seven basic sockets cover broad range of requirements. Six different attachments enable versatile, speedy, accurate and powerful performance in meeting any nut turning situation.

Tool No.	Description	Tool No.	Description
1260	Ratchet, Round Head	1216	Skt., 12 pt., 1/2"
1266	Extension 6"	1218	Skt., 12 pt., 9/16"
1268	Extension 12"	1220	Skt., 12 pt., 5/8"
1270	Flex Handle 10"	1222	Skt., 12 pt., 11/16"
1271	Cross Bar 6"	1224	Skt., 12 pt., 3/4"
1275	Speeder 16"	9019	Steel Tool Box
1212	Skt., 12 pt., 3/8"	9073	Insert
1214	Skt., 12 pt., 7/16"	*Shpg. Wt. 5 3/4 lbs. Std. Pkg. 1*	

***For standard sockets supplied in 6 pt.—Order No. 2402HA**



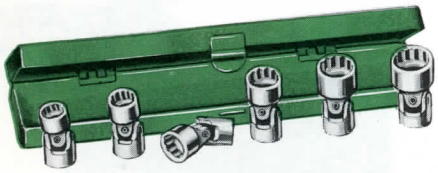
WITH NEW "Pick-Zuick" FEATURE

No. 2400-A*—11 pcs.

Excellent basic nut turning set with the tools most often used—7 sockets, flex handle, cross bar and extension.

Tool No.	Description	Tool No.	Description
1265	Extension 3"	1218	Skt., 12 pt., 9/16"
1270	Flex Handle 10"	1220	Skt., 12 pt., 5/8"
1271	Cross Bar 6"	1222	Skt., 12 pt., 11/16"
1212	Skt., 12 pt., 3/8"	1224	Skt., 12 pt., 3/4"
1214	Skt., 12 pt., 7/16"	9017	Steel Tool Box
1216	Skt., 12 pt., 1/2"	9072	Insert
		Shpg. Wt. 2-1/5 lbs. Std. Pkg. 1	

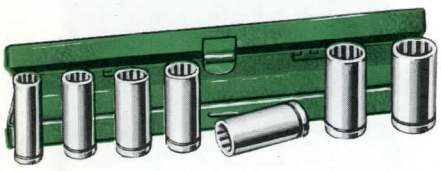
***For standard sockets supplied in 6 pt.—Order No. 2400HA**



No. 2403 — 7 pcs.

These universal sockets turn at angles . . . increase speed, efficiency . . . permit work in otherwise inaccesible places.

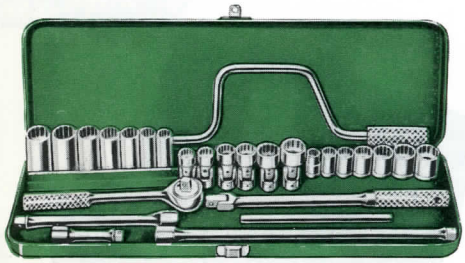
Tool No.	Description	Tool No.	Description
1282	Universal Skt., 12 pt., 7/16"	1286	Universal Skt., 12 pt., 11/16"
1283	Universal Skt., 12 pt., 1/2"	1287	Universal Skt., 12 pt., 3/4"
1284	Universal Skt., 12 pt., 9/16"	9002	Steel Tool Box
1285	Universal Skt., 12 pt., 5/8"	*Shpg. Wt. 1-3/16 lbs. Std. Pkg. 1*	



No. 2404 — 8 pcs.

All-around set of extra-deep sockets (2 1/8" long) for turning nuts on protruding bolts, also for many spark plugs.

Tool No.	Description	Tool No.	Description
1314	Deep Skt., 12 pt., 7/16"	1324	Deep Skt., 12 pt., 3/4"
1316	Deep Skt., 12 pt., 1/2"	1326	Deep Skt., 12 pt., 13/16"
1318	Deep Skt., 12 pt., 9/16"	9002	Steel Tool Box
1320	Deep Skt., 12 pt., 5/8"	*Shpg. Wt. 1 1/2 lbs. Std. Pkg. 1*	
1322	Deep Skt., 12 pt., 11/16"		



No. 2401* — 28 pcs.

Complete master mechanic's set for all fine precision work. Every style and size of socket and attachment you need.

Tool No.	Description	Tool No.	Description
1268	Extension 12"	1318	Deep Skt., 12 pt., 9/16"
1270	Flex Handles 10"	1320	Deep Skt., 12 pt., 5/8"
1271	Cross Bar 6"	1322	Deep Skt., 12 pt., 11/16"
1275	Speeder 16"	1324	Deep Skt., 12 pt., 3/4"
1212	Skt., 12 pt., 3/8"	1326	Deep Skt., 12 pt., 13/16"
1214	Skt., 12 pt., 7/16"	1282	Universal Skt., 12 pt., 7/16"
1216	Skt., 12 pt., 1/2"	1283	Universal Skt., 12 pt., 1/2"
1218	Skt., 12 pt., 9/16"	1284	Universal Skt., 12 pt., 9/16"
1220	Skt., 12 pt., 5/8"	1285	Universal Skt., 12 pt., 5/8"
1222	Skt., 12 pt., 11/16"	1286	Universal Skt., 12 pt., 11/16"
1224	Skt., 12 pt., 3/4"	1287	Universal Skt., 12 pt., 3/4"
1314	Deep Skt., 12 pt., 7/16"	9004	Steel Tool Box
1316	Deep Skt., 12 pt., 1/2"	*Shpg. Wt. 7 1/2 lbs. Std. Pkg. 1*	

***For standard sockets supplied in 6 pt.—Order No. 2401HA**

Tool No.	Description
1260	Ratchet, Round Head
1265	Extension 3"
1266	Extension 6"

ALLOY STEEL

Components of these 1/2" Sq. Dr. Sets are illustrated and described on pages 6 and 7

WITH NEW "Pick-Zuick" FEATURE

NEW "Pick-Zuick"

STOPS ALL "TOOL FUMBLING"

No wasted time—no frustration—*because Exact-fit "Contours" keep tools in correct places.* Every Socket and Attachment is always visible . . . always handy for finger-tip removal. When lid is closed, tools are locked in position.

No. 2501-A—17 pcs.

The extra attachments in this set mean extra utility and extra speed. Includes "velvet smooth" ratchet—also speeder, flex handle and 2 extensions—plus 11 sockets.

Tool No.	Description	Tool No.	Description	Tool No.	Description
1660	Ratchet, Round Head	1616	Skt., 12 pt., 1/2"	1628	Skt., 12 pt., 7/8"
1666	Extension 5 1/2"	1618	Skt., 12 pt., 9/16"	1630	Skt., 12 pt., 15/16"
1667	Extension 11"	1620	Skt., 12 pt., 5/8"	1632	Skt., 12 pt., 1"
1670	Flex Handle 16"	1622	Skt., 12 pt., 11/16"	1640	Skt., 12 pt., 1 1/4"
1675	Speeder 18"	1624	Skt., 12 pt., 3/4"	9021	Steel Tool Box
1614	Skt., 12 pt., 7/16"	1626	Skt., 12 pt., 13/16"	9074	Insert

Shpg. Wt. 9 1/2 lbs. *Std. Pkg. 1*

No. 2501RA—Identical to Set No. 2501-A—except Socketmaster Ratchet (No. 1650) and Socketmaster Flex Handle (No. 1690) are furnished in place of Standard Ratchet (1660) and Flex Handle (1670).

No. 2503-A—17 pcs.

Fully graduated socket sizes (13 in all) cover work from 7/16" through 1 1/4". Three attachments provide top efficiency.

WITH NEW "Pick-Zuick" FEATURE

Tool No.	Description	Tool No.	Description
1660	Ratchet Round Head	1626	Skt., 12 pt., 13/16"
1666	Extension 5 1/2"	1628	Skt., 12 pt., 7/8"
1670	Flex Handle 16"	1630	Skt., 12 pt., 15/16"
1614	Skt., 12 pt., 7/16"	1632	Skt., 12 pt., 1"
1616	Skt., 12 pt., 1/2"	1634	Skt., 12 pt., 1 1/16"
1618	Skt., 12 pt., 9/16"	1636	Skt., 12 pt., 1 1/8"
1620	Skt., 12 pt., 5/8"	1640	Skt., 12 pt., 1 1/4"
1622	Skt., 12 pt., 11/16"	9005	Steel Tool Box
1624	Skt., 12 pt., 3/4"	9077	Insert

Shpg. Wt. 8 1/2 lbs. *Std. Pkg. 1*

No. 2503RA—Identical to Set No. 2503-A—except Socketmaster Ratchet (No. 1650) and Socketmaster Flex Handle (No. 1690) are furnished in place of Standard Ratchet (1660) and Flex Handle (1670).

No. 2504-A—12 pcs.

Economical and excellent 1/2" drive set for all-around use. 10 sockets from 7/16" to 1" plus flex handle fill general needs.

WITH NEW "Pick-Zuick" FEATURE

Tool No.	Description	Tool No.	Description
1670	Flex Handle 16"	1626	Skt., 12 pt., 13/16"
1614	Skt., 12 pt., 7/16"	1628	Skt., 12 pt., 7/8"
1616	Skt., 12 pt., 1/2"	1630	Skt., 12 pt., 15/16"
1618	Skt., 12 pt., 9/16"	1632	Skt., 12 pt., 1"
1620	Skt., 12 pt., 5/8"	9005	Steel Tool Box
1622	Skt., 12 pt., 11/16"	9076	Insert
1624	Skt., 12 pt., 3/4"		

Shpg. Wt. 6 lbs. *Std. Pkg. 1*

No. 2504RA—Identical to Set No. 2504-A—except Socketmaster Flex Handle (No. 1690) is furnished in place of standard Flex Handle (No. 1670).

No. 2502—9 pcs.

Basic EXTRA DEEP socket set . . . essential for turning spark plugs and nuts on protruding bolts. Sockets have holes in drive ends so they can be turned with cross bar.

Tool No.	Description	Tool No.	Description
1718	Deep Skt., 12 pt., 9/16"	1728	Deep Skt., 12 pt., 7/8"
1720	Deep Skt., 12 pt., 5/8"	1730	Deep Skt., 12 pt., 15/16"
1722	Deep Skt., 12 pt., 11/16"	1732	Deep Skt., 12 pt., 1"
1724	Deep Skt., 12 pt., 3/4"	9009	Steel Tool Box
1726	Deep Skt., 12 pt., 13/16"		

Shpg. Wt. 4 3/4 lbs. *Std. Pkg. 1*

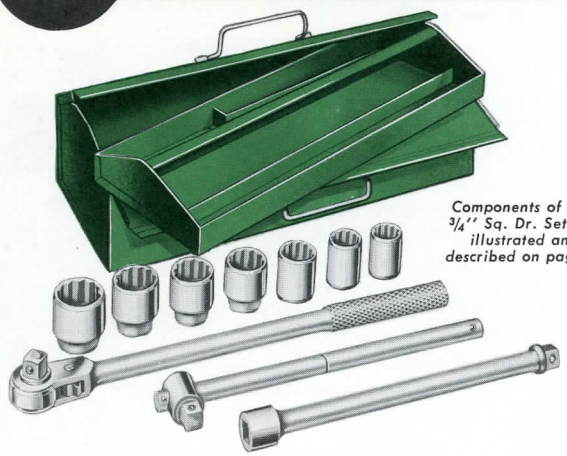
ALLOY STEEL SOCKET SETS

challenger FINE TOOLS

MADE IN AMERICA

ALLOY STEEL

3/4"



Components of this 3/4" Sq. Dr. Set are illustrated and described on page 8.

No. 2800—11 pcs.

Here is a fine basic set in heavy-duty 3/4" square drive for general work on trucks, buses, tractors, farm machinery, industrial and construction equipment. Sturdy, powerful reversible ratchet with extension and slide bar . . . 7 rugged yet precision-accurate sockets.

Tool No.	Description	Tool No.	Description
1818	Slide Bar	1844	Skt., 12 pt., 1 3/8"
1817	Extension 13"	1846	Skt., 12 pt., 1 7/16"
1861	Ratchet	1848	Skt., 12 pt., 1 1/2"
1834	Skt., 12 pt., 1 1/16"	1852	Skt., 12 pt., 1 5/8"
1836	Skt., 12 pt., 1 1/8"	9012	Steel Tool Box
1840	Skt., 12 pt., 1 1/4"	*Shpg. Wt. 19 1/2 lbs.*	*Std. Pkg. 1*

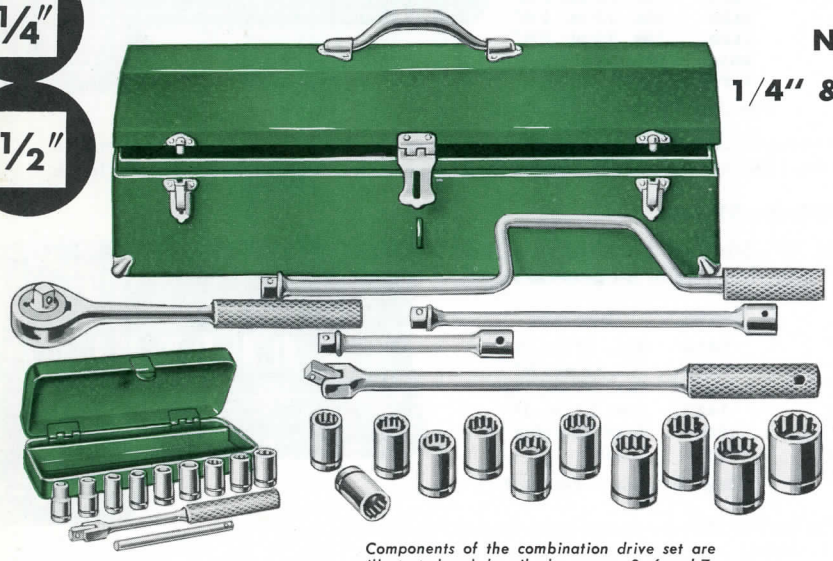
No. 2801—19 pcs.

Deluxe set in heavy-duty 3/4" square drive . . . with eleven sockets for every size of nut and bolt head from 1-1/16" through 2". 20" long ratchet gives powerful leverage . . . operates in an arc of only 20° . . . reverses with a flip of finger. 13" extension increases ease of work and accessibility to jobs. Slide bar can be used as a tee or ell to turn sockets.

Tool No.	Description	Tool No.	Description
1817	Extension 13"	1848	Skt., 12 pt., 1 1/2"
1818	Slide Bar	1850	Skt., 12 pt., 1 9/16"
1861	Ratchet	1852	Skt., 12 pt., 1 5/8"
1834	Skt., 12 pt., 1 1/16"	1854	Skt., 12 pt., 1 11/16"
1836	Skt., 12 pt., 1 1/8"	1856	Skt., 12 pt., 1 3/4"
1838	Skt., 12 pt., 1 3/16"	1858	Skt., 12 pt., 1 13/16"
1840	Skt., 12 pt., 1 1/4"	1860	Skt., 12 pt., 1 7/8"
1842	Skt., 12 pt., 1 5/16"	1864	Skt., 12 pt., 2"
1844	Skt., 12 pt., 1 3/8"	9012	Steel Tool Box
1846	Skt., 12 pt., 1 7/16"	*Shpg. Wt. 30 lbs.*	*Std. Pkg. 1*

Components of this 3/4" Sq. Dr. Set are illustrated and described on page 8.

1/4" 1/2"



No. 2600 29 pcs.

1/4" & 1/2" SQUARE DRIVES

Combines both 1/4" and 1/2" square drives – one of the most popular sets because of its all-around utility and moderate price. Comprehensive assortment of thin-wall alloy steel sockets with correct driving tools and attachments for general use. A set equally valuable to home or farm owner as well as the master mechanic. Sturdy hip-roof box with handy tote-tray for carrying tools to and from job.

Components of the combination drive set are illustrated and described on pages 3, 6 and 7.

Tool No.	Description
	1/4" DRIVE ITEMS
1070	Flex Handle 5 1/2"
1071	Cross Bar 3"
1008	Skt., 6 pt., 1/4"
1009	Skt., 6 pt., 9/32"
1010	Skt., 6 pt., 5/16"
1011	Skt., 6 pt., 11/32"
1012	Skt., 6 pt., 3/8"

Tool No.	Description
1014	Skt., 6 pt., 7/16"
1008S	Skt., 8 pt., 1/4"
1010S	Skt., 8 pt., 5/16"
1012S	Skt., 8 pt., 3/8"
9001	Steel Tool Box
	1/2" DRIVE ITEMS
1660	Ratchet, Round Head
1666	Extension 5 1/2"

Tool No.	Description
1667	Extension 11"
1670	Flex Handle 16"
1675	Speeder 18"
1614	Skt., 12 pt., 7/16"
1616	Skt., 12 pt., 1/2"
1618	Skt., 12 pt., 9/16"
1620	Skt., 12 pt., 5/8"
1622	Skt., 12 pt., 11/16"
1624	Skt., 12 pt., 3/4"

Tool No.	Description
1626	Skt., 12 pt., 13/16"
1628	Skt., 12 pt., 7/8"
1630	Skt., 12 pt., 15/16"
1632	Skt., 12 pt., 1"
1640	Skt., 12 pt., 1 1/4"
9011	Steel Tool Box

Shpg. Wt. 10 3/4 lbs. *Std. Pkg. 1*

No. 2600R Identical to above—except in 1/2" Dr. Socketmaster Ratchet (No. 1650) and Socketmaster Flex Handle (No. 1690) furnished in place of Ratchet (1660) and Flex Handle (1670).

challenger FINE TOOLS

MADE IN AMERICA

ALLOY STEEL SOCKET SETS

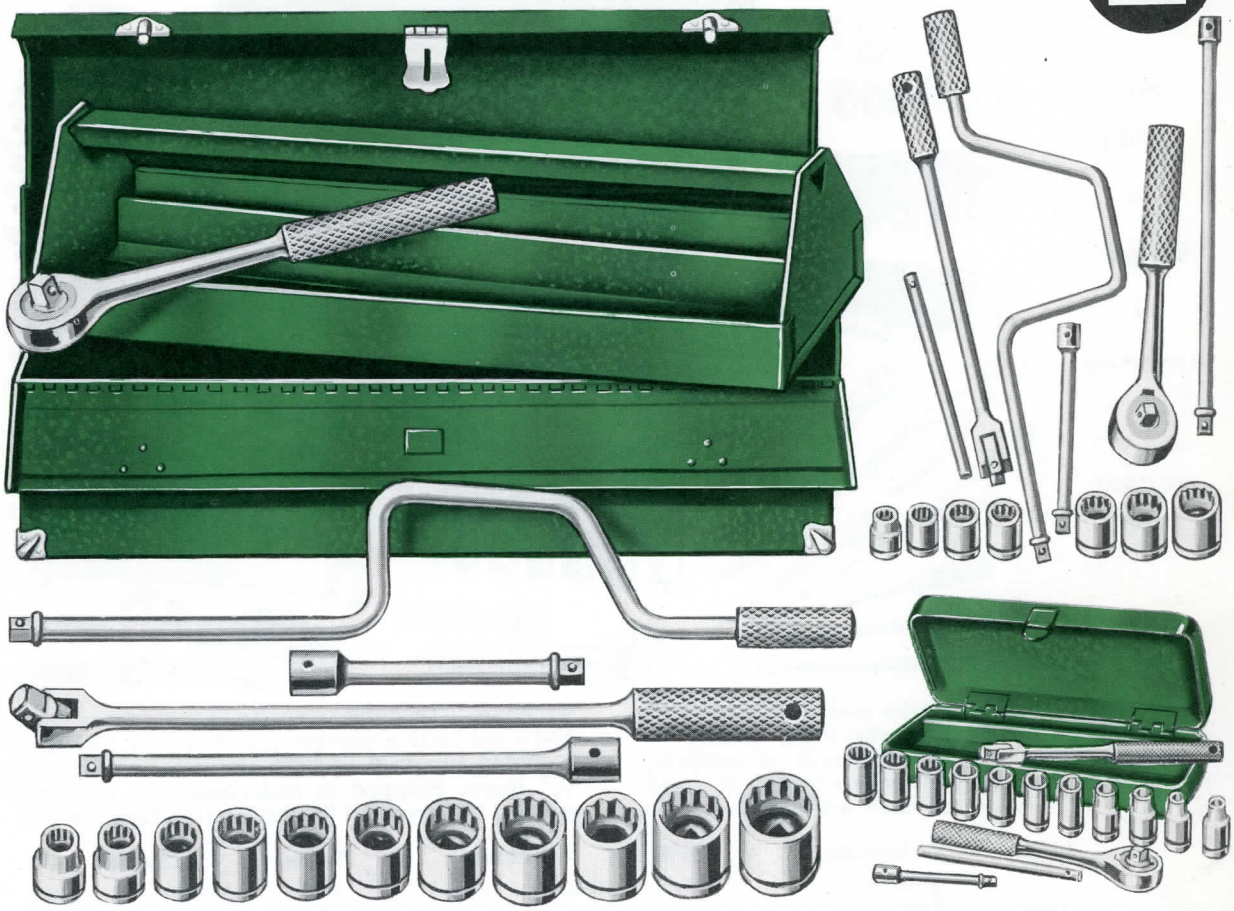
1/4" 3/8" 1/2"

ALLOY STEEL

Components of this combination drive set are illustrated and described on pages 3, 4, 5, 6 and 7.

No. 2601—46 pieces

combining 1/4", 3/8" & 1/2" SQ. DRIVES



3 sets in one . . . a balanced assortment of alloy steel driving tools and sockets to turn nuts and bolt heads measuring all the way from 7/32" through 1¼". Fills popular service requirements for home, farm, shop, garage and factory . . . handles everything from "midget size" nut-turning on television, ignition, carburetion, small appliances to big assemblies and repairs on automobiles, aircraft, motors, etc. *Sixteen 1/4" drive items . . . thirteen 3/8" drive items . . . seventeen 1/2" drive items* . . . totaling in all 29 thin-wall sockets and 15 streamlined, smooth operating driving tools. Special miniature tool box included to hold 1/4" drive items. Entire assortment fits into sturdy hip-roof tool box which comes with tote-tray for added convenience.

Tool No.	Description
	1/4" DRIVE ITEMS
1060	Ratchet, Round Head
1065	Extension 3"
1070	Flex Handle 5½"
1071	Cross Bar 3"
1007	Skt., 6 pt., 7/32"
1008	Skt., 6 pt., 1/4"
1009	Skt., 6 pt., 9/32"
1010	Skt., 6 pt., 5/16"
1011	Skt., 6 pt., 11/32"
1012	Skt., 6 pt., 3/8"
1014	Skt., 6 pt., 7/16"
1008S	Skt., 8 pt., 1/4"
1010S	Skt., 8 pt., 5/16"
1012S	Skt., 8 pt., 3/8"
1016	Skt., 12 pt., 1/2"
9001	Steel Tool Box

Tool No.	Description
	3/8" DRIVE ITEMS
1260	Ratchet, Round Head
1266	Extension, 6"
1268	Extension, 12"
1270	Flex Handle, 10"
1271	Cross Bar; 6"
1275	Speeder, 16"
1212	Skt., 12 pt., 3/8"
1214	Skt., 12 pt., 7/16"
1216	Skt., 12 pt., 1/2"
1218	Skt., 12 pt., 9/16"
1220	Skt., 12 pt., 5/8"
1222	Skt., 12 pt., 11/16"
1224	Skt., 12 pt., 3/4"
	1/2" DRIVE ITEMS
1660	Ratchet, Round Head

Tool No.	Description
1666	Extension, 5½"
1667	Extension, 11"
1670	Flex Handle, 16"
1675	Speeder, 18"
1614	Skt., 12 pt., 7/16"
1616	Skt., 12 pt., 1/2"
1618	Skt., 12 pt., 9/16"
1620	Skt., 12 pt., 5/8"
1622	Skt., 12 pt., 11/16"
1624	Skt., 12 pt., 3/4"
1626	Skt., 12 pt., 13/16"
1628	Skt., 12 pt., 7/8"
1630	Skt., 12 pt., 15/16"
1632	Skt., 12 pt., 1"
1640	Skt., 12 pt., 1¼"
9011	Steel Tool Box

Shpg. Wt. 13¼ lbs. *Std. Pkg. 1*

No. 2601R. Identical to above—except in ½" Dr. Socketmaster Ratchet (No. 1650) and Socketmaster Flex Handle (No. 1690) furnished in place of Ratchet (1660) and Flex Handle (1670).

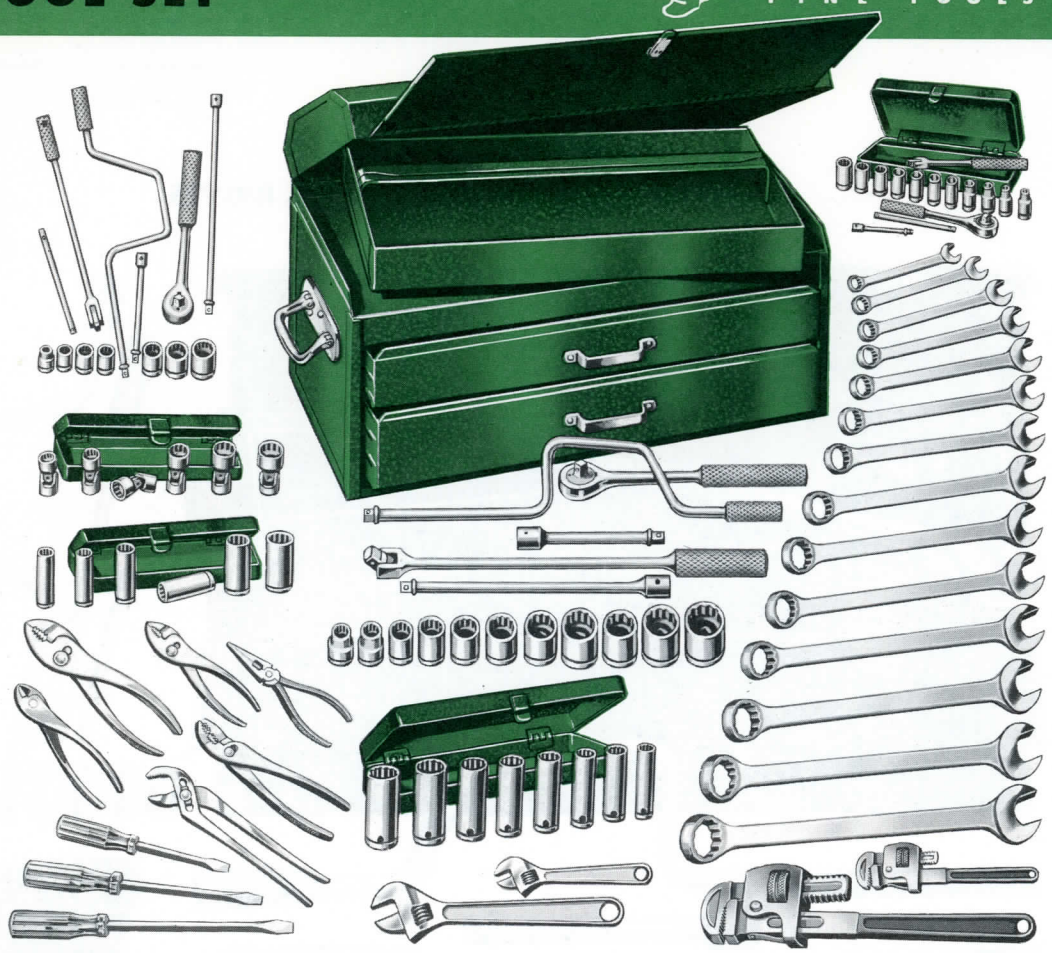
ALLOY STEEL TOOL SET

challenger FINE TOOLS

MADE IN AMERICA

1/4" 3/8" 1/2"

No. 2701 • 96 pcs. • combining 1/4", 3/8" and 1/2" SQUARE DRIVES



ALLOY STEEL

Unsurpassed for performance and versatility—this big COMPLETE set has everything needed for thousands of jobs. Full assortments of ratchets, handles, attachments and sockets in 1/4", 3/8" and 1/2" drives . . . PLUS balanced selections of pipe wrenches, adjustable wrenches, screwdrivers, pliers and combination wrenches. 4 miniature tool boxes included for deep sockets, universal sockets and 1/4" items. Shipped in lock-chest with two drawers and tote-tray, all finished in rich hammerloid.

Tool No.	Description
	1/4" DRIVE ITEMS
1060	Ratchet, Round Head
1065	Extension 3"
1070	Flex Handle 5 1/2"
1071	Cross Bar 3"
1007	Skt., 6 pt., 7/32"
1008	Skt., 6 pt., 1/4"
1009	Skt., 6 pt., 9/32"
1010	Skt., 6 pt., 5/16"
1011	Skt., 6 pt., 11/32"
1012	Skt., 6 pt., 3/8"
1014	Skt., 6 pt., 7/16"
1008S	Skt., 8 pt., 1/4"
1010S	Skt., 8 pt., 5/16"
1012S	Skt., 8 pt., 3/8"
1016	Skt., 12 pt., 1/2"
9001	Steel Tool Box
	3/8" DRIVE ITEMS
1260	Ratchet, Round Head
1266	Extension 6"
1268	Extension 12"
1270	Flex Handle 10"
1271	Cross Bar 6"
1275	Speeder 16"
1212	Skt., 12 pt., 3/8"
1214	Skt., 12 pt., 7/16"
1216	Skt., 12 pt., 1/2"
1218	Skt., 12 pt., 9/16"
1220	Skt., 12 pt., 5/8"
1222	Skt., 12 pt., 11/16"
1224	Skt., 12 pt., 3/4"
1314	Deep Skt., 12 pt., 7/16"
1316	Deep Skt., 12 pt., 1/2"
1318	Deep Skt., 12 pt., 9/16"
1320	Deep Skt., 12 pt., 5/8"
1322	Deep Skt., 12 pt., 11/16"
1324	Deep Skt., 12 pt., 3/4"
9002	Steel Tool Box
1282	Univ. Skt., 12 pt., 7/16"
1283	Univ. Skt., 12 pt., 1/2"
1284	Univ. Skt., 12 pt., 9/16"
1285	Univ. Skt., 12 pt., 5/8"
1286	Univ. Skt., 12 pt., 11/16"
1287	Univ. Skt., 12 pt., 3/4"
9002	Steel Tool Box
	1/2" DRIVE ITEMS
1660	Ratchet, Round Head
1666	Extension 5 1/2"
1667	Extension 11"
1670	Flex Handle 16"
1675	Speeder 18"
1614	Skt., 12 pt., 7/16"
1616	Skt., 12 pt., 1/2"
1618	Skt., 12 pt., 9/16"
1620	Skt., 12 pt., 5/8"
1622	Skt., 12 pt., 11/16"
1624	Skt., 12 pt., 3/4"
1626	Skt., 12 pt., 13/16"
1628	Skt., 12 pt., 7/8"
1630	Skt., 12 pt., 15/16"
1632	Skt., 12 pt., 1"
1640	Skt., 12 pt., 1 1/4"
1718	Deep Skt., 12 pt., 9/16"
1720	Deep Skt., 12 pt., 5/8"
1722	Deep Skt., 12 pt., 11/16"
1724	Deep Skt., 12 pt., 3/4"
1726	Deep Skt., 12 pt., 13/16"
1728	Deep Skt., 12 pt., 7/8"
1730	Deep Skt., 12 pt., 15/16"
1732	Deep Skt., 12 pt., 1"
9009	Steel Tool Box
	UTILITY ITEMS
4108	Pipe Wrench, 8"
4114	Pipe Wrench, 14"
4006	Chrome Adj. Wrench, 6"
4010	Chrome Adj. Wrench, 10"
7342	Screwdriver, 4" Sq. Blade
7343	Screwdriver, 6" Sq. Blade
7344	Screwdriver, 8" Sq. Blade
3126	Slip Jt. Pliers, Comb. 6"
3148	Slip Jt. Pliers, Comb. 8"
3207	Thin Bent Jaw Pliers 7"
3339	Water Pump Pliers 9 1/2"
3337	Pliers—Diag. cut 7"
3050	Pliers—Needle Nose 7"
	ALLOY COMBINATION WRENCHES
6112	3/8" Opening
6114	7/16" Opening
6116	1/2" Opening
6118	9/16" Opening
6120	5/8" Opening
6122	11/16" Opening
6124	3/4" Opening
6126	13/16" Opening
6128	7/8" Opening
6130	15/16" Opening
6132	1" Opening
6134	1 1/16" Opening
6136	1 1/8" Opening
6140	1 1/4" Opening
9015	Steel Tool Chest

Shpg. Wt. 53 lbs. Std. Pkg. 1

No. 2701R. Identical to above—except in 1/2" Dr. Socketmaster Ratchet (No. 1650) and Socketmaster Flex Handle (No. 1690) furnished in place of Ratchet (1660) and Flex Handle (1670).

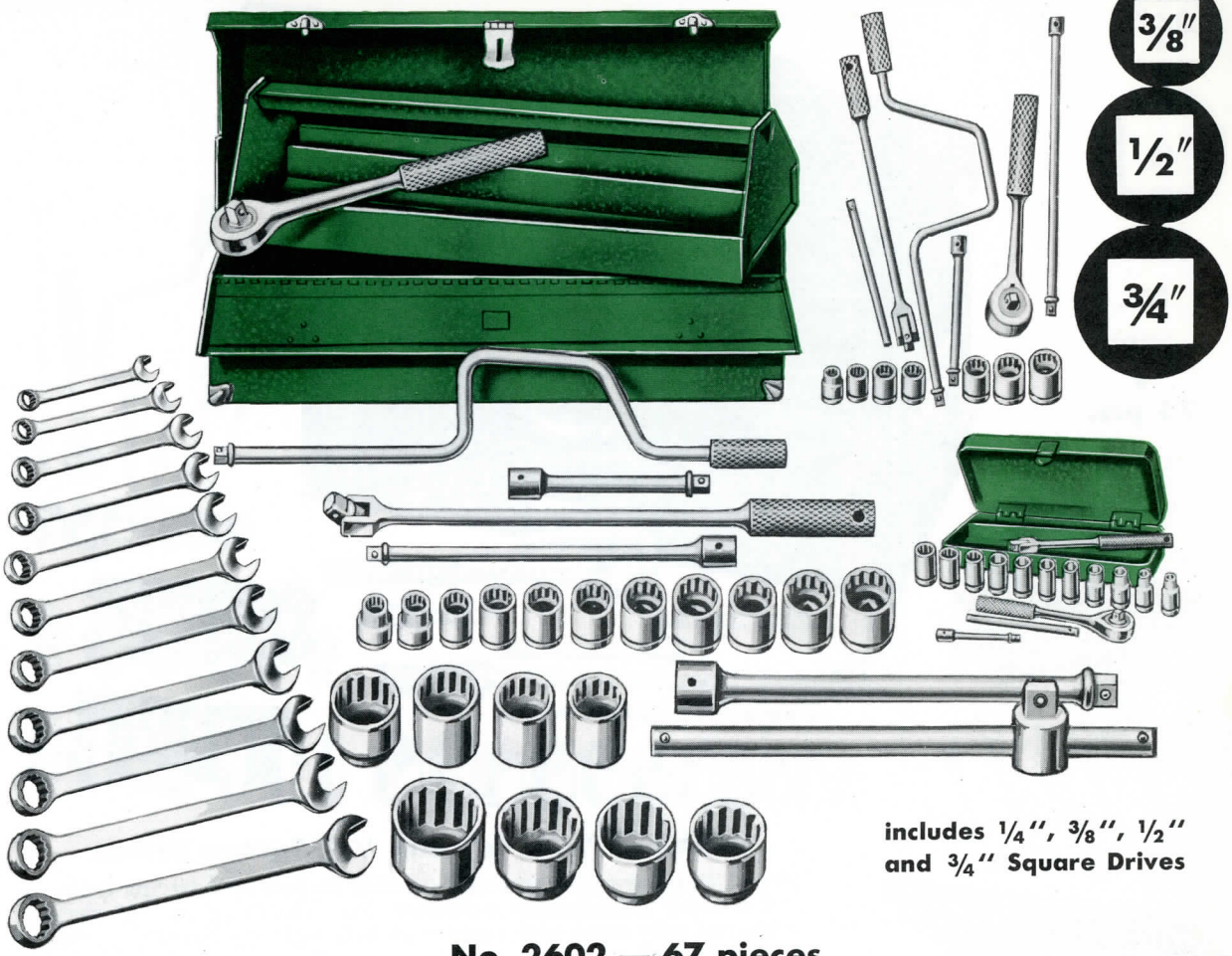
challenger FINE TOOLS

MADE IN AMERICA

ALLOY STEEL TOOL SET

1/4" 3/8" 1/2" 3/4"

ALLOY STEEL



includes 1/4", 3/8", 1/2" and 3/4" Square Drives

No. 2602 — 67 pieces

All four square drives are covered by this master tool set . . . 1/4", 3/8", 1/2", 3/4". And 37 thin-wall sockets (ranging from 7/32" to 1 3/4") do nut turning from finest, smallest jobs through rugged heavy-duty work on big machinery and equipment. In addition, 11 combination box and end wrenches are included in graduated sizes from 3/8" to 1". Assortments of handles and attachments for each drive assure maximum efficiency, speedier performance with less effort. All items are hot-forged from fine alloy steel, heat-treated for individual service requirements, and precision-machined for absolute accuracy. Small tool box holds 1/4" drive sockets and attachments. Complete set is shipped in all-steel hip-roof tool box, finished in high-gloss hammerloid, with labor-saving tote-tray.

Tool No.	Description
	1/4" DRIVE ITEMS
1060	Ratchet, Round Head
1065	Extension 3"
1070	Flex Handle 5 1/2"
1071	Cross Bar 3"
1007	Skt., 6 pt., 7/32"
1008	Skt., 6 pt., 1/4"
1009	Skt., 6 pt., 9/32"
1010	Skt., 6 pt., 5/16"
1011	Skt., 6 pt., 11/32"
1012	Skt., 6 pt., 3/8"
1014	Skt., 6 pt., 7/16"
1008S	Skt., 8 pt., 1/4"
1010S	Skt., 8 pt., 5/16"
1012S	Skt., 8 pt., 3/8"
1016	Skt., 12 pt., 1/2"
9001	Steel Tool Box
	3/8" DRIVE ITEMS
1260	Ratchet, Round Head
1266	Extension 6"
1268	Extension 12"
1270	Flex Handle 10"
1271	Cross Bar 6"
1275	Speeder 16"
1212	Skt., 12 pt., 3/8"
1214	Skt., 12 pt., 7/16"
1216	Skt., 12 pt., 1/2"
1218	Skt., 12 pt., 9/16"
1220	Skt., 12 pt., 5/8"
1222	Skt., 12 pt., 11/16"
1224	Skt., 12 pt., 3/4"
	1/2" DRIVE ITEMS
1660	Ratchet, Round Head
1666	Extension 5 1/2"
1667	Extension 11"
1670	Flex Handle 16"
1675	Speeder 18"
1614	Skt., 12 pt., 7/16"
1616	Skt., 12 pt., 1/2"
1618	Skt., 12 pt., 9/16"
1620	Skt., 12 pt., 5/8"
1622	Skt., 12 pt., 11/16"
1624	Skt., 12 pt., 3/4"
1626	Skt., 12 pt., 13/16"
1628	Skt., 12 pt., 7/8"
1630	Skt., 12 pt., 15/16"
1632	Skt., 12 pt., 1"
1640	Skt., 12 pt., 1 1/4"
	3/4" DRIVE ITEMS
1817	Extension 13"
1818	Slide Bar 15"
1834	Skt., 12 pt., 1 1/16"
1836	Skt., 12 pt., 1 1/8"
1840	Skt., 12 pt., 1 1/4"
1842	Skt., 12 pt., 1 5/16"
1846	Skt., 12 pt., 1 7/16"
1848	Skt., 12 pt., 1 1/2"
1852	Skt., 12 pt., 1 5/8"
1856	Skt., 12 pt., 1 3/4"
	ALLOY COMBINATION WRENCHES
6112	3/8" Opening
6114	7/16" Opening
6116	1/2" Opening
6118	9/16" Opening
6120	5/8" Opening
6122	11/16" Opening
6124	3/4" Opening
6126	13/16" Opening
6128	7/8" Opening
6130	15/16" Opening
6132	1" Opening
9011	Steel Tool Box

Shpg. Wt. 32 1/4 lbs. Std. Pkg. 1

No. 2602R. Identical to above—except in 1/2" Dr. Socketmaster Ratchet (No. 1650) and Socketmaster Flex Handle (No. 1690) furnished in place of Ratchet (1660) and Flex Handle (1670).

ALLOY STEEL TOOL SET

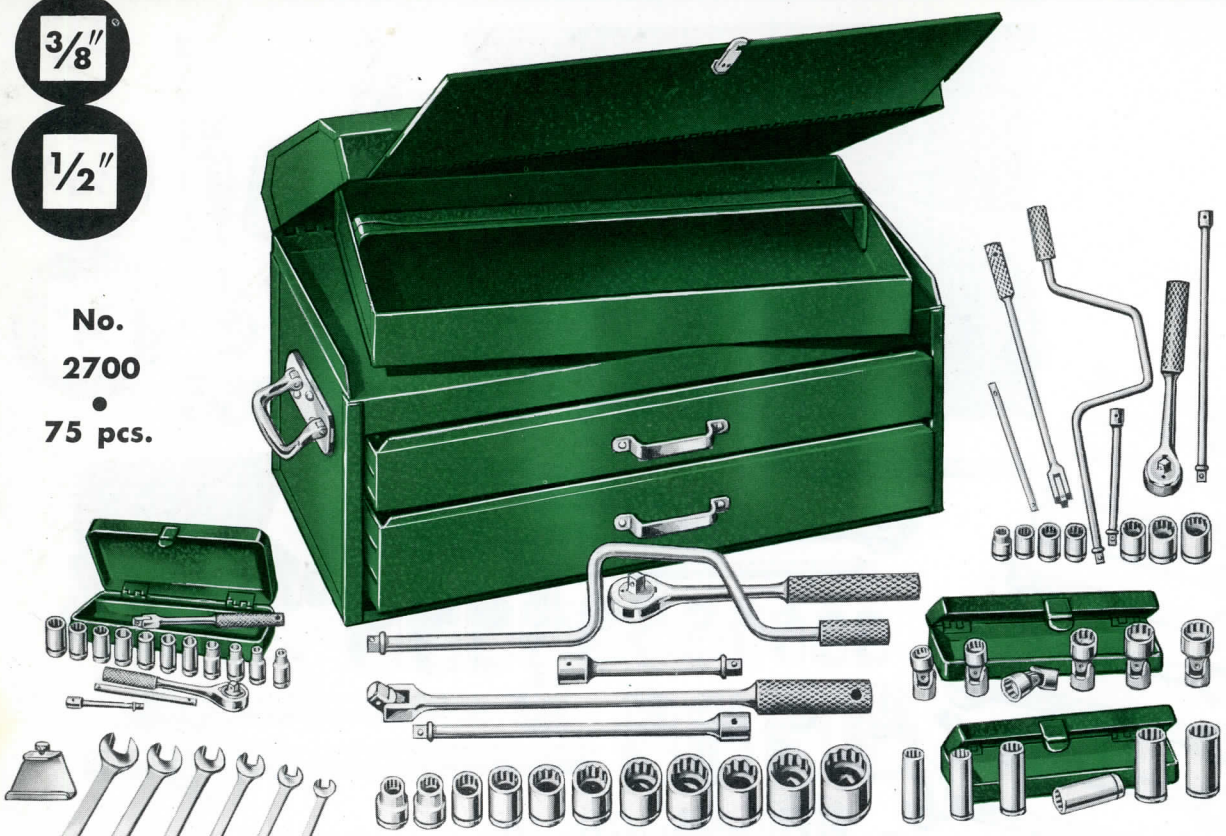
challenger FINE TOOLS

MADE IN AMERICA

1/4" 3/8" 1/2"

ALLOY STEEL

No. 2700 • 75 pcs.



Combines 1/4", 3/8" and 1/2" Square Drives

Has all popular styles and sizes of alloy sockets and driving tools—and 6 alloy combination wrenches, too. Moreover the 3/8" drive items not only come with regular sockets and attachments . . . they also include 6 universal sockets . . . and 6 deep sockets. The 1/2" drive group, too, includes a set of 8 larger deep sockets . . . together with standard tools for general all-around nut turning. "Midget size" 1/4" drive items handle smallest jobs. Miniature tool boxes hold the two ranges of deep sockets, the universal sockets and the 1/4" drive items in separate sets. Handsome all-steel tool chest with two drawers and handy tote-tray completes this fine assortment.

Tool No.	Description
	1/4" DRIVE ITEMS
1060	Ratchet, Round Head
1065	Extension 3"
1070	Flex Handle 5½"
1071	Cross Bar 3"
1007	Skt., 6 pt., 7/32"
1008	Skt., 6 pt., 1/4"
1009	Skt., 6 pt., 9/32"
1010	Skt., 6 pt., 5/16"
1011	Skt., 6 pt., 11/32"
1012	Skt., 6 pt., 3/8"
1014	Skt., 6 pt., 7/16"
10085	Skt., 8 pt., 1/4"
10105	Skt., 8 pt., 5/16"
10125	Skt., 8 pt., 3/8"
1016	Skt., 12 pt., 1/2"
9001	Steel Tool Box
	3/8" DRIVE ITEMS
1260	Ratchet, Round Head
1266	Extension 6"
1268	Extension 12"
1270	Flex Handle
1271	Cross Bar 6"
1275	Speeder 16"
1212	Skt., 12 pt., 3/8"
1214	Skt., 12 pt., 7/16"
1216	Skt., 12 pt., 1/2"
1218	Skt., 12 pt., 9/16"
1220	Skt., 12 pt., 5/8"
1222	Skt., 12 pt., 11/16"
1224	Skt., 12 pt., 3/4"
1314	Deep Skt., 12 pt., 7/16"
1316	Deep Skt., 12 pt., 1/2"
1318	Deep Skt., 12 pt., 9/16"
1320	Deep Skt., 12 pt., 5/8"
1322	Deep Skt., 12 pt., 11/16"
1324	Deep Skt., 12 pt., 3/4"
9002	Steel Tool Box
1282	Univ. Skt., 12 pt., 7/16"
1283	Univ. Skt., 12 pt., 1/2"
1284	Univ. Skt., 12 pt., 9/16"
1285	Univ. Skt., 12 pt., 5/8"
1286	Univ. Skt., 12 pt., 11/16"
1287	Univ. Skt., 12 pt., 3/4"
9002	Steel Tool Box
	1/2" DRIVE ITEMS
1660	Ratchet, Round Head
1666	Extension 5½"
1667	Extension 11"
1670	Flex Handle 16"
1675	Speeder 18"
1614	Skt., 12 pt., 7/16"
1616	Skt., 12 pt., 1/2"
1618	Skt., 12 pt., 9/16"
1620	Skt., 12 pt., 5/8"
1622	Skt., 12 pt., 11/16"
1624	Skt., 12 pt., 3/4"
1626	Skt., 12 pt., 13/16"
1628	Skt., 12 pt., 7/8"
1630	Skt., 12 pt., 15/16"
1632	Skt., 12 pt., 1"
1640	Skt., 12 pt., 1¼"
1718	Deep Skt., 12 pt., 9/16"
1720	Deep Skt., 12 pt., 5/8"
1722	Deep Skt., 12 pt., 11/16"
1724	Deep Skt., 12 pt., 3/4"
1726	Deep Skt., 12 pt., 13/16"
1728	Deep Skt., 12 pt., 7/8"
1730	Deep Skt., 12 pt., 15/16"
1732	Deep Skt., 12 pt., 1"
9009	Steel Tool Box
	ALLOY COMB. WRENCHES
6112	3/8" Opening
6114	7/16" Opening
6116	1/2" Opening
6118	9/16" Opening
6120	5/8" Opening
6124	3/4" Opening
9015	Steel Tool Chest

Shpg. Wt. 24½ lbs. *Std. Pkg. 1*

No. 2700R. Identical to above—except in 1/2" Dr. Socketmaster Ratchet (No. 1650) and Socketmaster Flex Handle (No. 1690) furnished in place of Ratchet (1660) and Flex Handle (1670).

MADE IN AMERICA

ALLOY STEEL

In an amazing short time, these Metric Size Sockets and Attachments have gained immense nationwide acceptance for servicing hundreds of thousands of Foreign Autos, Appliances, Motors, Motorcycles, Bicycles, Motor Scooters, Machinery, etc., which are in use in America today.

Like the Standard Size Sockets and Attachments shown in this catalog . . . highest quality specifications control every step of manufacture of these fine Metric Tools. All are 100% Alloy Steel . . . tempered and hardened . . . precision machined for absolute accuracy . . . and finished in durable, sparkling Chrome. Sockets are latest Thin-Wall for close work . . . Handles and Attachments are scientifically balanced and streamlined. Factory Guarantee covers Material and Workmanship.

METRIC SIZES FOR SERVICING FOREIGN CARS, APPLIANCES, ETC.

3/8"

METRIC THIN-WALL ALLOY SOCKETS
6 POINT . . . 3/8" SQUARE DRIVE

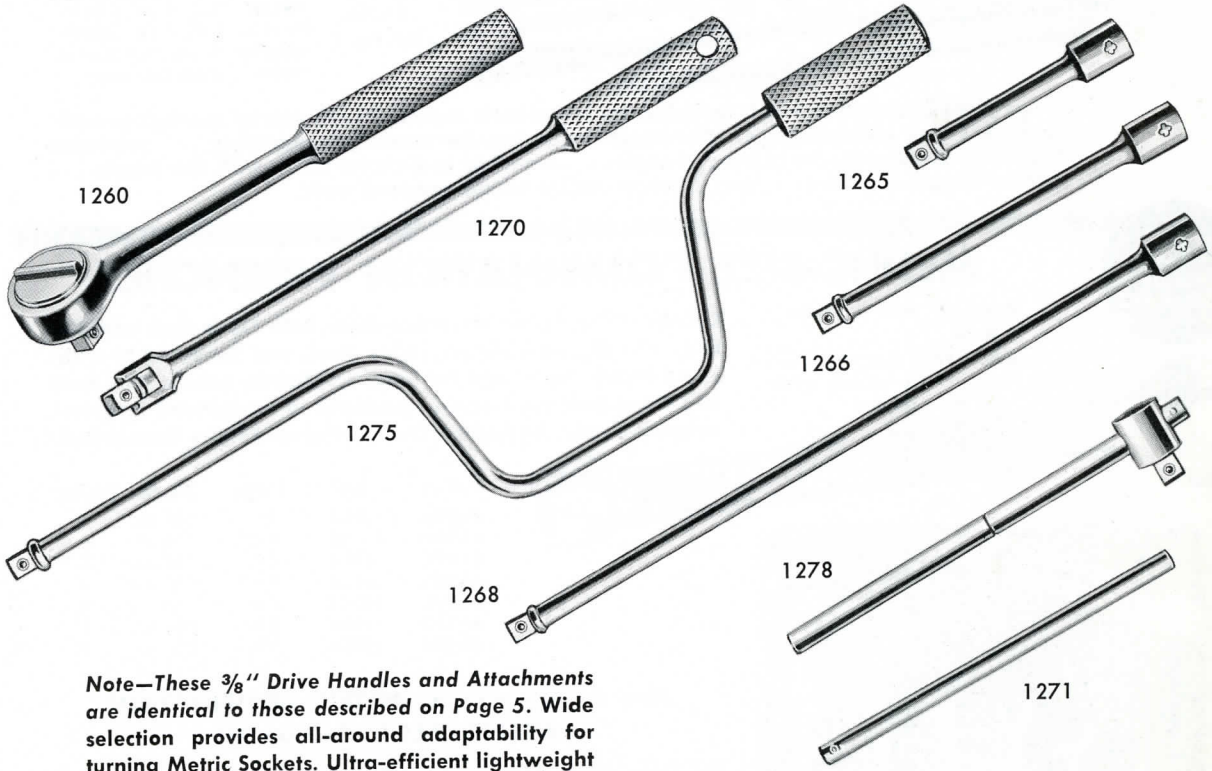
Tool No.	Opening Size	Wt. Ea. Oz.	Std. Pkg.
1209M	9MM	3/4	6
1210M	10MM	1	6
1211M	11MM	1	6
1212M	12MM	1 1/8	6
1214M	14MM	1 1/4	6
1217M	17MM	2 1/8	6
1219M	19MM	2 1/8	6

METRIC SPARK-PLUG-HOLDING-SOCKET

New! Neoprene Cushion Insert holds plug firmly in position for easy starting or removal. Also eliminates hazard of cracking porcelain insulator by dropping spark plug, and burning fingers on hot plug. (3/8" **Drive**).

Tool No.	Opening Size	Wt. Ea. Oz.	Std. Pkg.
1326HP	13/16" (for 14MM Spark plugs)	5	3

HANDLES and ATTACHMENTS FOR METRIC SOCKETS (3/8" Square Drive)



Note—These 3/8" Drive Handles and Attachments are identical to those described on Page 5. Wide selection provides all-around adaptability for turning Metric Sockets. Ultra-efficient lightweight designs . . . Made of Alloy Steel . . . plated with sparkling Chrome. Factory Guaranteed.

Tool No.	Description	Length	Wt. Ea. Oz.	Std. Pkg.
1260	Ratchet	7 1/2"	8 3/4	3
1270	Flex Handle	10"	7	3
1275	Speeder	16"	12 3/4	3

Tool No.	Description	Length	Wt. Ea. Oz.	Std. Pkg.
1265	Extension	3"	2 1/4	3
1266	Extension	6"	3 1/4	3
1268	Extension	12"	6	3
1278	Slide Bar	7"	5	3
1271	Cross Bar	6"	2	3

(SEE METRIC SOCKET SETS and COMBINATION METRIC WRENCHES on next page)

METRIC ALLOY STEEL
SOCKET SETS, WRENCHES, WRENCH SETS

challenger FINE TOOLS

MADE IN AMERICA

ALLOY STEEL

METRIC SIZES FOR SERVICING FOREIGN CARS, APPLIANCES, ETC.

Here are two socket sets composed of Metric Tools shown on page 17. Each set comes in a compact, strong, all-steel tool box in extra durable finish.

Also illustrated below is a complete selection of Metric Size Combination Wrenches, available individually or in the sturdy Plastic "Roll-up" Kit.

These tools are especially manufactured for maintaining and repairing machinery built to Metric Sizes—such as Foreign Cars, Appliances, Motors, Motorcycles, Bicycles, etc.

Top Performance, Fine Quality, Durability and Precision Accuracy are outstanding features of this Metric Line. All tools are Alloy Steel, plated in sparkling Chrome. Factory Guaranteed.

3/8"

METRIC SIZE SOCKET SETS

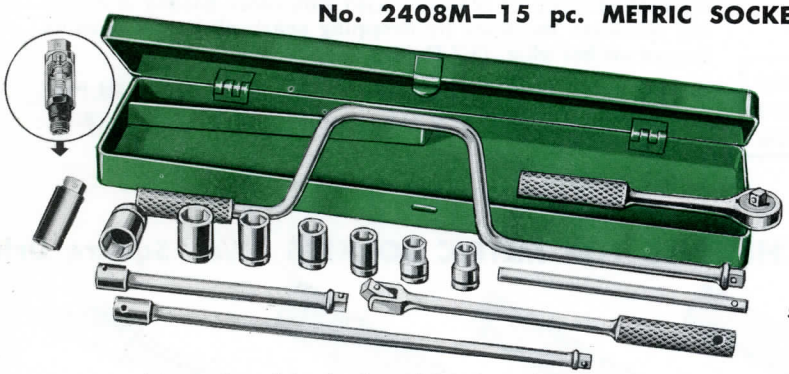
No. 2407M—11 pc. METRIC SOCKET SET

In this set are the basic Metric Tools needed for general service and repair work. Flex handle turns nuts at any angle. Cross bar forms tee or ell with flex handle. Extension increases range of work and adaptability.

Tool No.	Description
1265	3" Extension
1270	10" Flex Handle
1271	6" Cross Bar
1209M	Skt., 6 pt., 9MM
1210M	Skt., 6 pt., 10MM
1211M	Skt., 6 pt., 11MM
1212M	Skt., 6 pt., 12MM
1214M	Skt., 6 pt., 14MM
1217M	Skt., 6 pt., 17MM
1219M	Skt., 6 pt., 19MM
9003	Steel Tool Box

Shpg. Wt. 2-1/5 lbs. Std. Pkg. 1

No. 2408M—15 pc. METRIC SOCKET SET



Shpg. Wt. 6¼ lbs. Std. Pkg. 1

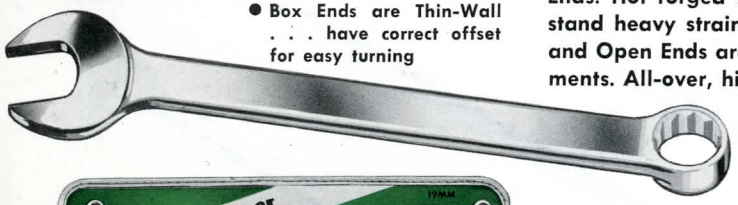
Tool No.	Description
1260	Reversible Ratchet
1266	6" Extension
1268	12" Extension
1270	10" Flex Handle
1271	6" Cross Bar
1275	16" Speeder
1209M	Skt., 6 pt., 9MM
1210M	Skt., 6 pt., 10MM
1211M	Skt., 6 pt., 11MM
1212M	Skt., 6 pt., 12MM
1214M	Skt., 6 pt., 14MM
1217M	Skt., 6 pt., 17MM
1219M	Skt., 6 pt., 19MM
1326HP	Spark Plug Socket
9004	Steel Tool Box

A complete Metric Set which includes the seven basic sockets PLUS special spark plug holding socket (see previous page). Six attachments, too, for maximum versatility . . . reversible ratchet . . . flex handle for turning at angles . . . cross bar to form tee or ell with flex handle . . . speeder to spin nuts fast . . . and 2 extensions for widest range of work.

METRIC COMBINATION WRENCHES

METRIC-SIZE COMBINATION WRENCHES

- Narrow ends for close work
- Box Ends are Thin-Wall . . . have correct offset for easy turning



Double Utility Metric Wrenches—have both Open Ends and Box Ends. Hot forged from best Alloy Steel, and tempered to withstand heavy strains and for long, satisfactory service. Box Ends and Open Ends are precision machined to exact Metric measurements. All-over, high-luster Chrome Plated. Factory Guaranteed.

Tool No.	Size	Length	Wt. Ea.	Std. Pkg.
6109M	9MM	4"	¾ oz.	6
6110M	10MM	4½"	⅞ oz.	6
6111M	11MM	4½"	1¼ oz.	6
6112M	12MM	5⅜"	1½ oz.	6
6114M	14MM	6¾"	3 oz.	6
6117M	17MM	8¼"	5¼ oz.	6
6119M	19MM	9¼"	6¼ oz.	6

No. 6100M—7 pc. METRIC COMBINATION WRENCH SET in Roll-up Kit

De Luxe set of Metric Wrenches described above. Covers all sizes from 9MM to 19MM. Compact "Roll-up" Kit of sturdy plastic for easy storage . . . also keeps wrenches sparkling clean.

Tool No.	Size	Length	Tool No.	Size	Length
6109M	9MM	4"	6114M	14MM	6¾"
6110M	10MM	4½"	6117M	17MM	8¼"
6111M	11MM	4½"	6119M	19MM	9¼"
6112M	12MM	5⅜"			

Shpg. Wt. 1½ lbs. Std. Pkg. 1

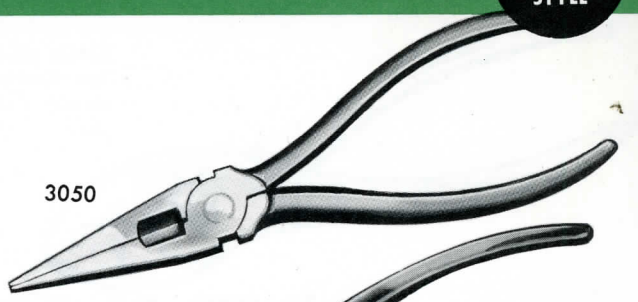
MADE IN AMERICA

ALLOY STEEL

CHAIN NEEDLE NOSE

Preferred for electrical and fine mechanical work . . . long tapered nose fits into places impossible for other pliers. Precision fitted joint keeps edges aligned. Made of heat-treated alloy steel, with cutting edges induction hardened. Polished head.

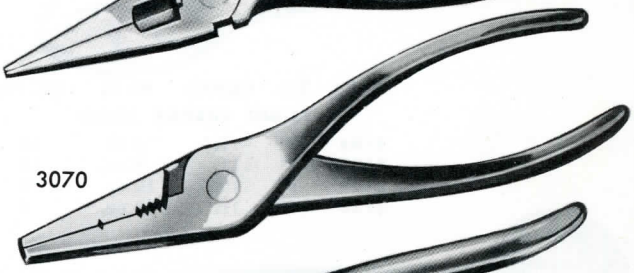
Tool No.	Size	Wt. Ea. Oz.	Std. Pkg.
3050	6¾″	3	1



TELEPHONE-TELEVISION

Specially designed for handling difficult wiring on television, radio and telephones. Shear-type cutter with edges induction hardened. Alloy steel; polished head.

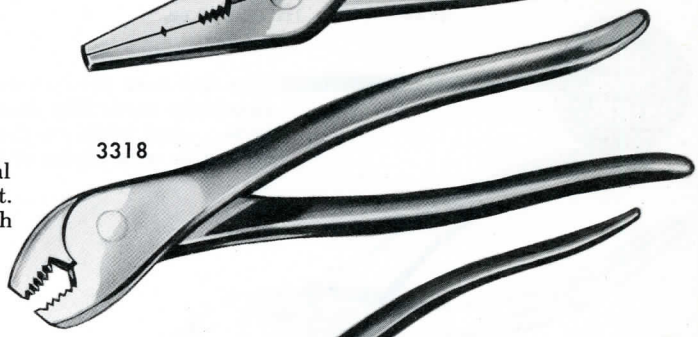
Tool No.	Size	Wt. Ea. Oz.	Std. Pkg.
3070	6″	3½	1



BATTERY

Easily turns even tightest-corroded terminal nuts. Solid-grip 30° angle jaws . . . solid joint. Made of alloy steel, semi-polish finish with ground flats.

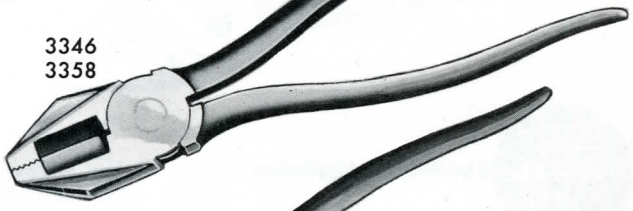
Tool No.	Size	Wt. Ea. Oz.	Std. Pkg.
3318	8″	8	12



LINESMAN'S POLISHED HEAD

For general wiring. Conform to Utility Co. standards. Strong grip. Alloy steel body; induction hardened cutters; polished head.

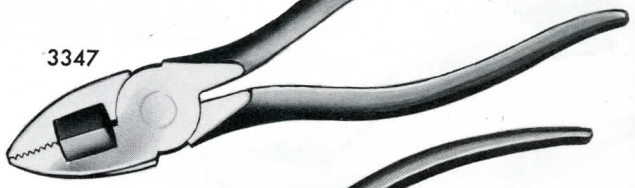
Tool No.	Size	Wt. Ea. Oz.	Std. Pkg.
3346	6″	6½	1
3358	8″	13	1



NEW ENGLAND LINEMAN'S

Slim nose for greater access to work. Made to Utility Co. standards. All-alloy steel; induction hardened cutter; polished head.

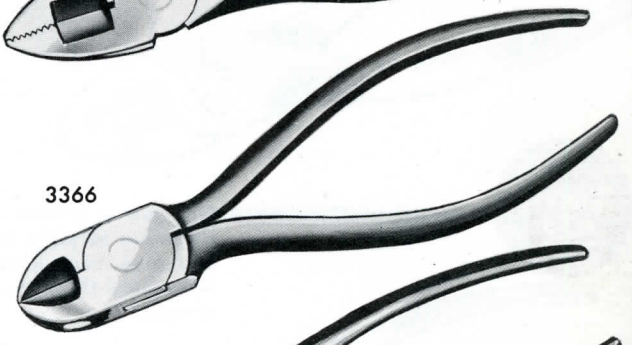
Tool No.	Size	Wt. Ea. Oz.	Std. Pkg.
3347	7″	10½	1



DIAGONAL CUTTER 6″

For close cutting work. Powerful leverage and induction-hardened cutting edges. Alloy steel throughout; polished head.

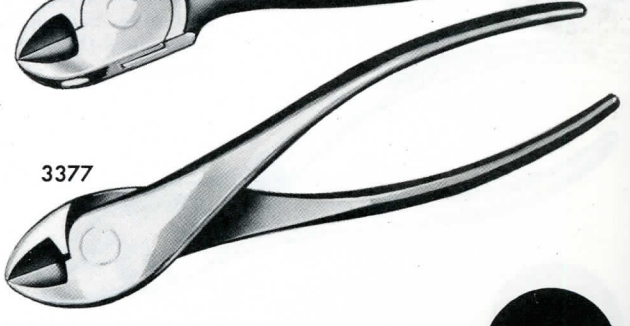
Tool No.	Size	Wt. Ea. Oz.	Std. Pkg.
3366	6″	5	1



DIAGONAL CUTTER 7″

Box joint is close to short jaw, also longer handles, for maximum cutting power. Alloy steel; hardened cutter edges; polished head.

Tool No.	Size	Wt. Ea. Oz.	Std. Pkg.
3377	7″	8	1

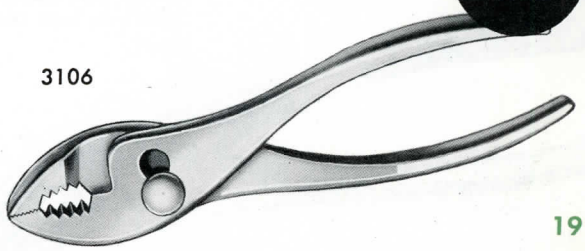


SPECIALTY PLIERS

SPECIALTY PLIERS

Popular low-cost combination plier for general use in cadmium finish. 2-adjustment slip joint . . . deep gripper teeth . . . shear type cutter. Forged from long-life Alloy Steel, heat-treated.

Tool No.	Size	Capacity	Wt. Ea. Oz.	Std. Pkg.
		CADMIUM FINISH		
3106	6″	1″	8	12



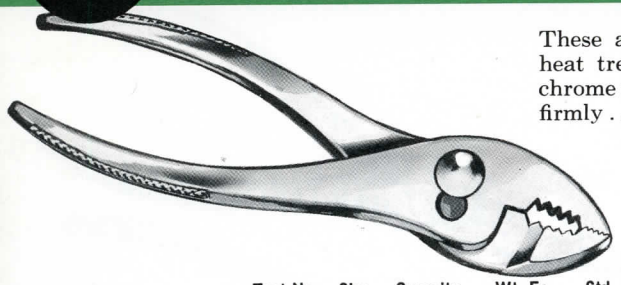
ALLOY STEEL COMBINATION PLIERS

challenger FINE TOOLS

MADE IN AMERICA

ALLOY STEEL

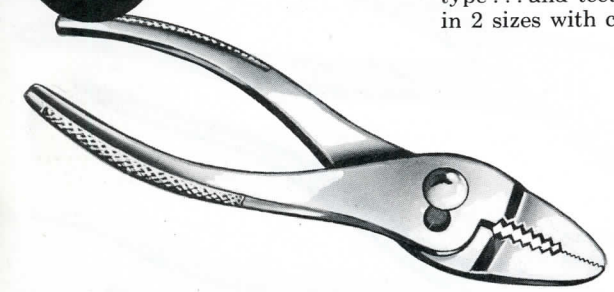
SLIP JOINT PLIERS



These all-around utility pliers are forged from fine alloy steel, heat treated and accurately machined. Choice of 4 sizes and 3 chrome finishes. Slip joint has two adjustments . . . deep teeth grip firmly . . . shear-type cutter performs with sharp, clean action.

Tool No.	Size	Capacity	Wt. Ea.	Std. Pkg.
	BRIGHT CHROME FINISH			
3105	5″	¾″	4 oz.	12
3126	6″	1″	8 oz.	12
3148	8″	1¼″	10 oz.	12
3160	10″	1½″	16 oz.	6
	FULL POLISHED CHROME FINISH			
3505	5″	¾″	4 oz.	1
3526	6″	1″	8 oz.	1
3548	8″	1″	10 oz.	1
	SATIN CHROME FINISH			
3115	5″	¾″	4 oz.	12
3136	6″	1″	8 oz.	12
3158	8″	1¼″	10 oz.	12
3170	10″	1½″	16 oz.	6

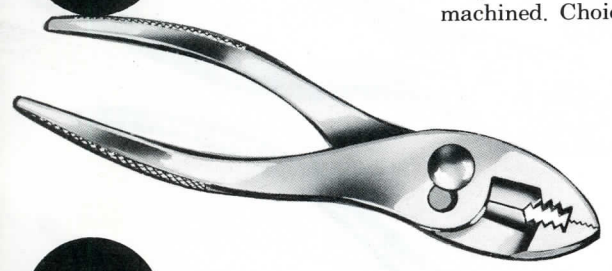
THIN NOSE PLIERS



The thin nose permits work in tight places where standard pliers cannot be used. Slip joint has two adjustments . . . cutter is shear type . . . and teeth are deep cut for sure grip. Made of alloy steel in 2 sizes with choice of three chrome finishes.

Tool No.	Size	Capacity	Wt. Ea.	Std. Pkg.
	FULL POLISH CHROME FINISH			
3546	6″	1″	6 oz.	12
	BRIGHT CHROME FINISH			
3225	5″	¾″	4 oz.	12
3246	6″	1″	6 oz.	12
	SATIN CHROME FINISH			
3235	5″	¾″	4 oz.	12
3256	6″	1″	6 oz.	12

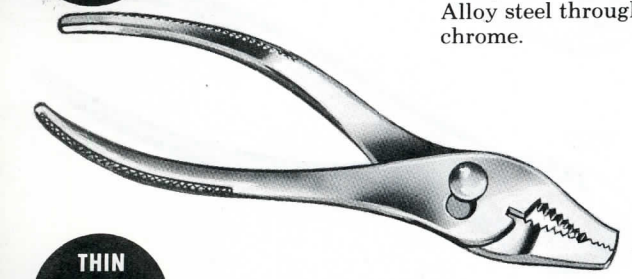
SIDE CUTTING PLIERS



Has all the advantages of regular combination pliers . . . but is made with side cutter which most easily clips off wire and ordinary nails. Plier body is forged from alloy steel, heat-treated and machined. Choice of three chrome finishes.

Tool No.	Size	Capacity	Wt. Ea.	Std. Pkg.
	FULL POLISH CHROME FINISH			
3586	6″	1″	8 oz.	12
	BRIGHT CHROME FINISH			
3186	6″	1″	8 oz.	12
	SATIN CHROME FINISH			
3196	6″	1″	8 oz.	12

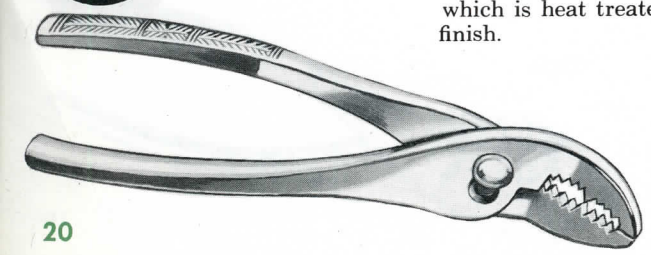
UNIVERSAL PLIERS



One jaw is curved for gripping round or odd shaped objects . . . the other straight jaw has a groove for solid grip on wire, nails and pins. Slip joint is 2-adjustment style, cutter is shear type. Alloy steel throughout, heat treated, and finished in bright or satin chrome.

Tool No.	Size	Capacity	Wt. Ea.	Std. Pkg.
	BRIGHT CHROME FINISH			
3267	7″	1″	9 oz.	12
	SATIN CHROME FINISH			
3277	7″	1″	9 oz.	12

THIN BENT JAW PLIERS



Thin jaws are bent upward 30° for ease in pulling nails and for working at angles on hard-to-reach jobs. Has two slip joint adjustments and shear type cutter. Forged from durable alloy steel which is heat treated for added strength. Satin or bright chrome finish.

Tool No.	Size	Capacity	Wt. Ea.	Std. Pkg.
	BRIGHT CHROME FINISH			
3207	7″	1½″	7 oz.	12
	SATIN CHROME FINISH			
3217	7″	1½″	7 oz.	12

challenger FINE TOOLS

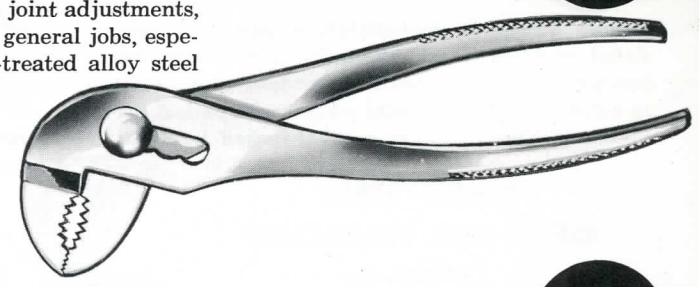
MADE IN AMERICA

ALLOY STEEL PLIERS

ALLOY STEEL

PLIER WRENCH

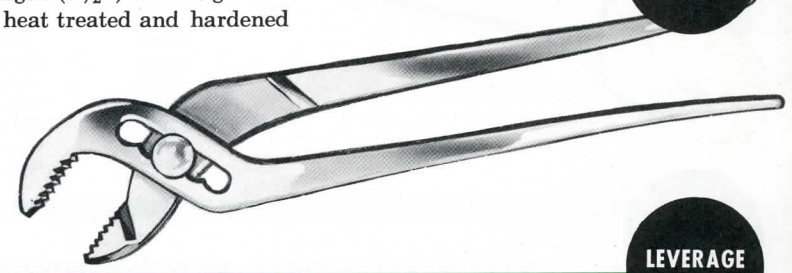
Strong gripping power and leverage, plus 4 slip joint adjustments, make this plier a valuable tool for hundreds of general jobs, especially when working on pipe or tubing. Heat-treated alloy steel assures rugged strength. Choice of finishes.



Tool No.	Size	Capacity	Wt. Ea.	Std. Pkg.
	BRIGHT CHROME FINISH			
3287	7½"	1½"	10 oz.	12
	SATIN CHROME FINISH			
3297	7½"	1½"	10 oz.	12

ALL PURPOSE PLIERS

Five size adjustments enable increased range of work with these slip joint pliers . . . and their unusual length (9½") affords greater leverage. Built to stand heavy strains . heat treated and hardened alloy steel. Two finishes.



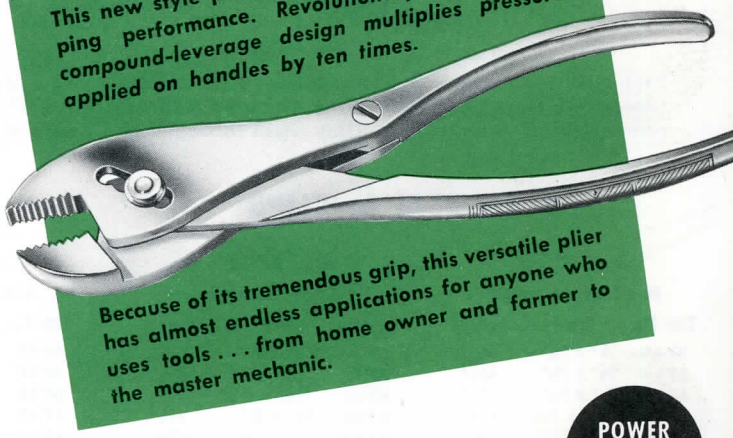
Tool No.	Size	Capacity	Wt. Ea.	Std. Pkg.
	BRIGHT CHROME FINISH			
3339	9½"	1¾"	9 oz.	12
	FULL POLISH CHROME FINISH			
3539	9½"	1¾"	9 oz.	12

LEVERAGE PLIERS

REVOLUTIONARY DESIGN . . . *Tremendous Gripping Power!*

MULTIPLIES PRESSURE 10 TIMES

The deeply milled non-slip jaws open to 1¼". Uniquely designed four-position slot enables closer and easier jaw adjustments and at the same time reduces wedge action and wear. Long life materials (specially hardened alloy steels throughout) assures ability to take rugged service . . . and fine machining and workmanship mean fast, positive action. Finished in bright chrome. *Fully patented . . . there is no other plier on the market today like this product.*



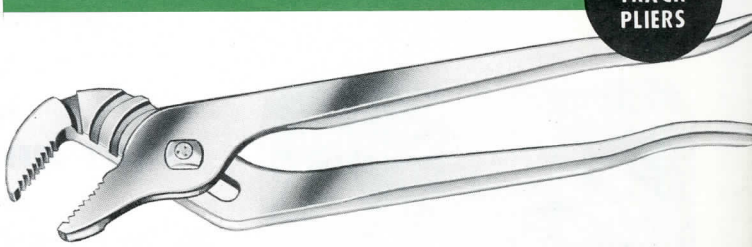
This new style plier far surpasses previous gripping performance. Revolutionary three piece compound-leverage design multiplies pressure applied on handles by ten times.

Because of its tremendous grip, this versatile plier has almost endless applications for anyone who uses tools . . . from home owner and farmer to the master mechanic.

Tool No.	Size	Capacity	Wt. Ea.	Std. Pkg.
3234	8"	1¼"	8 oz.	1

POWER TRACK PLIERS

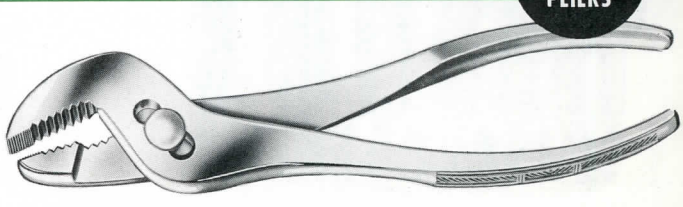
Curved interlocking grooves at the joint of this plier securely hold the jaws in any position desired. Relieves arm fatigue for the operator and also takes strain off the plier bolt. Five adjustments up to 1¾" capacity handle an exceedingly wide range of work. Made for heavy-duty service from forged alloy steel, heat treated, and finished in acid and oil resistant chrome.



Tool No.	Size	Capacity	Wt. Ea.	Std. Pkg.
3243	9½"	1¾"	12 oz.	1

MULTI-PURPOSE PLIERS

Special 20° offset nose grips objects in front of center of these multi-purpose pliers for better leverage and easier turning. Three jaw-opening adjustments . . . deeply milled teeth for positive grip, oil tempered to retain their sharpness. Entire plier is hot-forged, alloy steel, finished in all-over chrome plate.



Tool No.	Size	Capacity	Wt. Ea.	Std. Pkg.
3239	8"	1¾"	9 oz.	6

ALLOY STEEL OPEN END WRENCHES

ALLOY STEEL
OPEN END WRENCHES

challenger FINE TOOLS

MADE IN AMERICA

Built-in quality is immediately apparent in every detail of these finest mechanics' grade wrenches. Designs are the last word in modern streamlining to achieve lightest practical weight with perfect balance and "feel". Bodies are hot-forged from best alloy steel, then tempered for long life and ability to take the unusual leverage and strains of heavy duty service. Wrench ends are precision-machined to assure absolutely accurate size . . . and all-over sparkling Chrome Plate forms a durable protective coat against oil, acid, rust and corrosion.

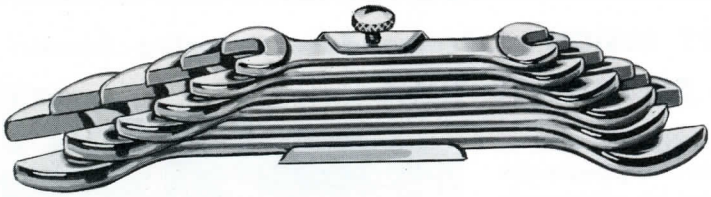
ALLOY STEEL OPEN END WRENCHES
5700 Series

- Jaws Precision-machined to S. A. E. Specifications
- Narrow Open Ends For Close Work
- Sparkling Chrome Plated.

Tool No.	Size	Length	Wt. Ea.	Std. Pkg.
5710	1/4" x 5/16"	3 1/2"	2 oz.	6
5714	3/8" x 7/16"	4 1/2"	2 oz.	6
5718	1/2" x 9/16"	5 1/2"	4 oz.	6
5722	19/32" x 11/16"	6 1/2"	6 oz.	6
5724	5/8" x 3/4"	7 5/8"	7 oz.	6
5728	13/16" x 7/8"	8 5/8"	8 oz.	6
5732	15/16" x 1"	9 3/4"	11 oz.	6

ALLOY STEEL OPEN END WRENCH SETS

ALLOY STEEL OPEN END WRENCH SETS in CLIPS



Fine mechanics' grade Sets of Open End Wrenches (described above) in Metal Clips which hold them compactly for storage. Top Alloy Steel throughout . . . precision machined . . . plated with durable, sparkling chrome. Choice of 5-piece or 6-piece—each available in two size ranges.

5 pc. SETS in CLIPS

No. 5703
Medium Range

Tool No.	Size	Length
5710	1/4" x 5/16"	3 1/2"
5714	3/8" x 7/16"	4 1/2"
5718	1/2" x 9/16"	5 1/2"
5722	19/32" x 11/16"	6 1/2"
5724	5/8" x 3/4"	7 5/8"

Shpg. Wt. 1 lb. Std. Pkg. 1

No. 5702
Large Range

Tool No.	Size	Length
5714	3/8" x 7/16"	4 1/2"
5718	1/2" x 9/16"	5 1/2"
5722	19/32" x 11/16"	6 1/2"
5724	5/8" x 3/4"	7 5/8"
5728	13/16" x 7/8"	8 5/8"

Shpg. Wt. 1 lb. 2 oz. Std. Pkg. 1

6 pc. SETS in CLIPS

No. 5701
Medium Range

Tool No.	Size	Length
5710	1/4" x 5/16"	3 1/2"
5714	3/8" x 7/16"	4 1/2"
5718	1/2" x 9/16"	5 1/2"
5722	19/32" x 11/16"	6 1/2"
5724	5/8" x 3/4"	7 5/8"
5728	13/16" x 7/8"	8 5/8"

Shpg. Wt. 1 lb. 12 oz. Std. Pkg. 1

No. 5700
Large Range

Tool No.	Size	Length
5714	3/8" x 7/16"	4 1/2"
5718	1/2" x 9/16"	5 1/2"
5722	19/32" x 11/16"	6 1/2"
5724	5/8" x 3/4"	7 5/8"
5728	13/16" x 7/8"	8 5/8"
5732	15/16" x 1"	9 3/4"

Shpg. Wt. 1 lb. 14 oz. Std. Pkg. 1

No. 5704—6 pcs.
ALLOY STEEL OPEN END WRENCH SET in "ROLL-UP" KIT

Six fine alloy-steel open end wrenches (described above) compose this handy set. Sizes are those most often used . . . with openings graduated from 3/8" to 1". The narrow wrench heads fit into close spots which greatly increases all-around utility. Comes in tough, flexible, long service Plastic "Roll-Up" Kit. An excellent master mechanic's set; equally ideal for home, farm, auto and industrial use.

Tool No.	Size	Length
5714	3/8" x 7/16"	4 1/2"
5718	1/2" x 9/16"	5 1/2"
5722	19/32" x 11/16"	6 1/2"
5724	5/8" x 3/4"	7 5/8"
5728	13/16" x 7/8"	8 5/8"
5732	15/16" x 1"	9 3/4"

Shpg. Wt. 2 lbs. Std. Pkg. 1

ALLOY STEEL

challenger FINE TOOLS

MADE IN AMERICA

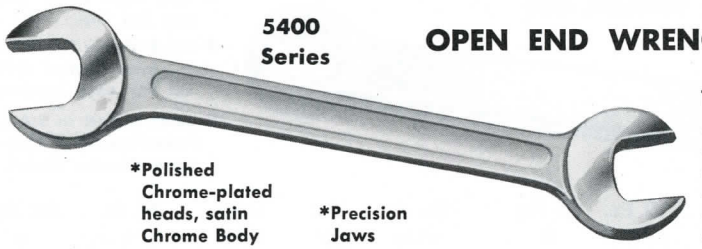
SELECT STEEL OPEN END WRENCHES

SELECT STEEL OPEN END WRENCHES

SELECT STEEL

Outstanding value characterizes this highly popular line of wrenches. Priced exceptionally low . . . yet sound, up-to-the-minute design, sturdy construction and accurate machining assure long and satisfactory service. Each wrench body is hot-forged from select steel, also scientifically oil-tempered for still greater strength to endure extreme tension, leverage and wear. Heavy chrome plating completes the manufacturing process to make these wrenches in every respect both fine performers and values without equal.

5400 Series OPEN END WRENCHES



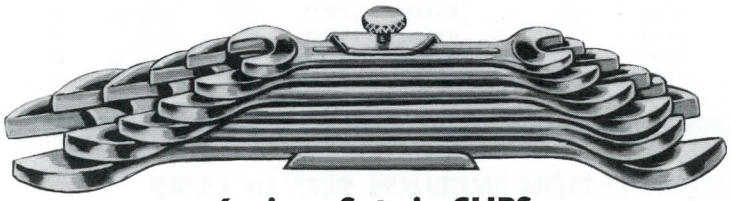
*Polished Chrome-plated heads, satin Chrome Body

*Precision Jaws

Tool No.	Size	Length	Wt. per Box	Std. Pkg.
5410	1/4" x 5/16"	3 1/2"	5 oz.	6
5414	3/8" x 7/16"	4 1/2"	9 oz.	6
5418	1/2" x 9/16"	5 1/2"	15 oz.	6
5422	19/32" x 11/16"	6 1/2"	24 oz.	6
5424	5/8" x 3/4"	7 1/2"	27 oz.	6
5428	13/16" x 7/8"	8 1/2"	42 oz.	6
5432	15/16" x 1"	9 1/2"	60 oz.	6

SELECT STEEL OPEN END WRENCH SETS

SELECT STEEL OPEN END WRENCH SETS



The five and six piece sets illustrated here are composed of the Select Steel Open End Wrenches described above. *Each Set offers extraordinary quality and service at economy prices.*

All the wrenches are streamlined and balanced for ease in handling, are precision machined for accurate fit, have narrow heads for close tolerance jobs. They are handsome tools, too, fully finished in chrome—high polish on heads and satin finish on handles. Size ranges meet all working needs.

6-piece Sets in CLIPS

No. 5200—6 pcs.
(Large Range)

Tool No.	Size		Length
5414	3/8" x 7/16"	4	4 1/2"
5418	1/2" x 9/16"	5	5 1/2"
5422	19/32" x 11/16"	6	6 1/2"
5424	5/8" x 3/4"	7	7 1/2"
5428	13/16" x 7/8"	8	8 1/2"
5432	15/16" x 1"	9	9 1/2"

Shpg. Wt. 2 lbs. Std. Pkg. 1

No. 5201—6 pcs.
(Medium Range)

Tool No.	Size	Length
5410	1/4" x 5/16"	3 1/2"
5414	3/8" x 7/16"	4 1/2"
5418	1/2" x 9/16"	5 1/2"
5422	19/32" x 11/16"	6 1/2"
5424	5/8" x 3/4"	7 1/2"
5428	13/16" x 7/8"	8 1/2"

Shpg. Wt. 1 lb. 12 oz. Std. Pkg. 1

5-piece Sets in CLIPS

No. 5202—5 pcs.
(Large Range)

Tool No.	Size	Length
5414	3/8" x 7/16"	4 1/2"
5418	1/2" x 9/16"	5 1/2"
5422	19/32" x 11/16"	6 1/2"
5424	5/8" x 3/4"	7 1/2"
5428	13/16" x 7/8"	8 1/2"

Shpg. Wt. 1 lb. 2 oz. Std. Pkg. 1

No. 5203—5 pcs.
(Small Range)

Tool No.	Size	Length
5410	1/4" x 5/16"	3 1/2"
5414	3/8" x 7/16"	4 1/2"
5418	1/2" x 9/16"	5 1/2"
5422	19/32" x 11/16"	6 1/2"
5424	5/8" x 3/4"	7 1/2"

Shpg. Wt. 1 lb. Std. Pkg. 1

SPECIAL 5 pc. and 6 pc. OPEN END WRENCH SETS *(SOLD IN SETS ONLY—Individual Wrenches not Cataloged or Sold)*

Strong, serviceable wrenches that meet the demand for all-around utility at intensely competitive prices. Have quality features of many more expensive wrenches—narrow heads, special steel bodies, hot-forged, heat-treated, satin chrome finish. Inset panel on handles. Come in metal clips.

Catalog No.	Description	Size Range	Wt.
5110	6 pc. Set	3/8" to 1"	1 lb. 14 oz.
5111	6 pc. Set	1/4" to 7/8"	1 lb. 12 oz.
	Each Set Individually Cartoned		
5112			
5112	5 pc. Set	3/8" to 7/8"	1 lb. 2 oz.
5113	5 pc. Set	1/4" to 3/4"	1 lb.
	Each Set Individually Cartoned		

No. 5204—6 pc. Set (Large Range) in Plastic "ROLL-UP" KIT

Tool No.	Size	Length
5414	3/8" x 7/16"	4 1/2"
5418	1/2" x 9/16"	5 1/2"
5422	19/32" x 11/16"	6 1/2"
5424	5/8" x 3/4"	7 1/2"
5428	13/16" x 7/8"	8 1/2"
5432	15/16" x 1"	9 1/2"

Shpg. Wt. 2 lbs. Std. Pkg. 1

ALLOY COMBINATION WRENCHES

ALLOY STEEL COMBINATION WRENCHES

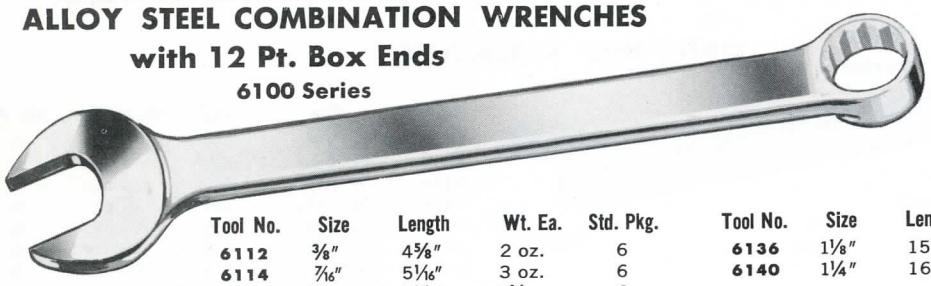
challenger FINE TOOLS

MADE IN AMERICA

Superb double utility wrenches with both narrow Open Ends and Thin-Wall Box Ends. Finest and Handsomest in every detail—balanced, streamlined design . . . hot-forged from Alloy Steel, then heat-treated for even greater strength and long life . . . precision-machined ends for perfect accuracy . . . and fully plated with rich, sparkling chrome. Factory guaranteed quality and craftmanship.

ALLOY STEEL COMBINATION WRENCHES with 12 Pt. Box Ends

6100 Series



- Has Both Open End and Box Ends.
- Box Ends are Thin-wall . . . have Correct Offset for easy turning.
- Jaws Milled to S.A.E. Specifications. Sparkling Chrome Plated.

Tool No.	Size	Length	Wt. Ea.	Std. Pkg.
6112	3/8"	4 5/8"	2 oz.	6
6114	7/16"	5 1/16"	3 oz.	6
6116	1/2"	5 9/16"	3 1/2 oz.	6
6118	9/16"	6 1/8"	4 oz.	6
6120	5/8"	6 7/8"	5 oz.	6
6122	11/16"	7 3/4"	6 oz.	6
6124	3/4"	8 3/4"	8 oz.	6
6126	13/16"	10 5/16"	9 oz.	6
6128	7/8"	11 3/16"	11 oz.	6
6130	15/16"	12 1/8"	13 oz.	6
6132	1"	13 1/8"	16 oz.	6
6134	1 1/16"	14 1/8"	1 lb. 3 oz.	6
6136	1 1/8"	15 1/8"	1 lb. 6 oz.	6
6140	1 1/4"	16 1/8"	1 lb. 12 oz.	6

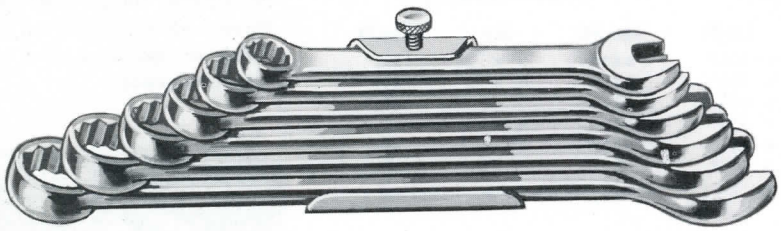
METRIC SIZES

Tool No.	Size	Length	Wt. Ea.	Std. Pkg.
6109M	9MM	4"	3/4 oz.	6
6110M	10MM	4 1/2"	7/8 oz.	6
6111M	11MM	4 1/2"	1 1/4 oz.	6
6112M	12MM	5 3/8"	1 1/2 oz.	6
6114M	14MM	6 3/4"	3 oz.	6
6117M	17MM	8 1/4"	5 1/4 oz.	6
6119M	19MM	9 1/4"	6 1/4 oz.	6

ALLOY STEEL COMBINATION WRENCH SETS

ALLOY STEEL COMBINATION WRENCH SETS in CLIPS

Unequalled for service and quality—these sets offer popular size ranges of the fine mechanics' grade combination wrenches described above. Convenient metal clips hold each set together for easy storage.



No. 6105 5 pc. Set

Tool No.	Size	Length
6112	3/8"	4 5/8"
6114	7/16"	5 1/16"
6116	1/2"	5 9/16"
6118	9/16"	6 1/8"
6120	5/8"	6 7/8"

Shpg. Wt. 1¼ lbs. Std. Pkg. 1

No. 6106 6 pc. Set

Tool No.	Size	Length
6112	3/8"	4 5/8"
6114	7/16"	5 1/16"
6116	1/2"	5 9/16"
6118	9/16"	6 1/8"
6120	5/8"	6 7/8"
6124	3/4"	7 3/4"

Shpg. Wt. 1¾ lbs. Std. Pkg. 1

No. 6149 ALLOY STEEL 5 pc. COMBINATION WRENCH SET in "ROLL-UP" KITS

For general service—this immensely popular set has six basic and most-often-used sizes of double-duty Combination Wrenches described above. None finer in quality of material (Alloy Steel), efficient design, performance and finish (sparkling Chrome). Comes in heavy-duty Plastic "Roll-up" Kit for clean and convenient storage.

Tool No.	Size	Length
6112	3/8"	4 5/8"
6114	7/16"	5 1/16"
6116	1/2"	5 9/16"
6118	9/16"	6 1/8"
6120	5/8"	6 7/8"

Shpg. Wt. 1¼ lbs. Std. Pkg. 1

ALLOY STEEL

ALLOY STEEL

No. 6150 ALLOY STEEL COMBINATION WRENCH SET in "ROLL-UP" KIT

An expanded assortment covering graduated size range from 3/8" through 3/4". Six double-duty combination wrenches of best mechanics' quality (as described in detail at top of opposite page)—drop-forged, heat-treated Alloy Steel, with precision-machined Narrow Open Ends and Thin-Wall Box Ends. Lightweight, streamlined design . . . a real pleasure to use. Sturdy Plastic "Roll-up" Kit included.

Tool No.	Size	Length	Tool No.	Size	Length
6112	3/8"	4 5/8"	6118	9/16"	6 1/8"
6114	7/16"	5 1/16"	6120	5/8"	6 7/8"
6116	1/2"	5 9/16"	6124	3/4"	7 3/4"

Shpg. Wt. 1¾ lbs. *Std. Pkg. 1*

No. 6151 ALLOY STEEL 11 pc. COMBINATION WRENCH SET in "ROLL-UP" KIT

Every good workman and mechanic needs this large, efficient set! Covers a wide range of jobs . . . turns all hex and square nuts and bolts from 3/8" to 1". Made to highest precision standards from tough, hot-forged and heat-treated Alloy Steel. Read other outstanding features of these wrenches at top of left hand page. Shipped in sturdy, flexible, long service Plastic "Roll-up" Kit.

Tool No.	Size	Length	Tool No.	Size	Length
6112	3/8"	4 5/8"	6124	3/4"	8 3/4"
6114	7/16"	5 1/16"	6126	13/16"	10 5/16"
6116	1/2"	5 9/16"	6128	7/8"	11 3/16"
6118	9/16"	6 1/8"	6130	15/16"	12 1/8"
6120	5/8"	6 7/8"	6132	1"	13 1/8"
6122	11/16"	7 3/4"			

Shpg. Wt. 4¾ lbs. *Std. Pkg. 1*

No. 6154 ALLOY STEEL 14 pc. COMBINATION WRENCH SET in "ROLL-UP" KIT

Magnificent Assortment! Finest Quality. 14 Wrenches cover all size graduations from 3/8" through 1 1/4"! The best in modern tool engineering, too—beautifully balanced, lightweight, streamlined design. Moreover, the Thin-Wall Box Ends and Narrow Open Ends fit into tight spots not accessible to bulky wrenches. Solid Alloy Steel – hot-forged and heat-treated, precision machined and finished in high luster Chrome. Heavy-duty Plastic "Roll-up" Kit folds down into compact storage unit.

Tool No.	Size	Length	Tool No.	Size	Length
6112	3/8"	4 5/8"	6126	13/16"	10 5/16"
6114	7/16	5 1/16"	6128	7/8"	11 3/16"
6116	1/2"	5 9/16"	6130	15/16"	12 1/8"
6118	9/16"	6 1/8"	6132	1"	13 1/8"
6120	5/8"	6 7/8"	6134	1 1/16"	14 1/8"
6122	11/16"	7 3/4"	6136	1 1/8"	15 1/8"
6124	3/4"	8 3/4"	6140	1 1/4"	16 1/8"

Shpg. Wt. 9 lbs. *Std. Pkg. 1*

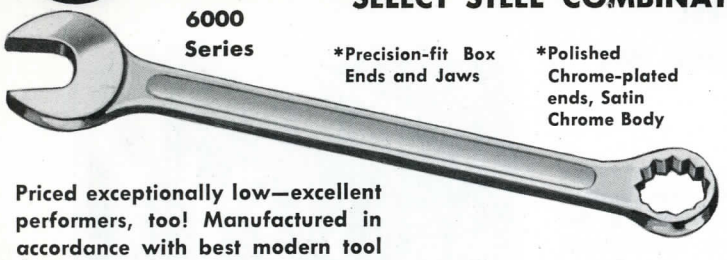
SELECT STEEL COMBINATION WRENCHES

SELECT STEEL COMBINATION WRENCHES

challenger FINE TOOLS

MADE IN AMERICA

SELECT STEEL COMBINATION WRENCHES



6000 Series

*Precision-fit Box Ends and Jaws

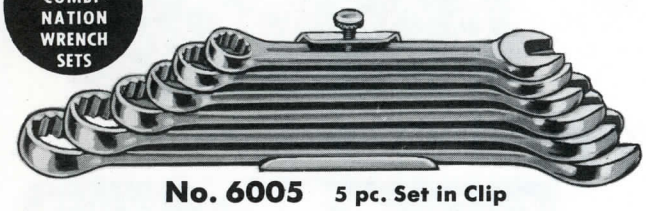
*Polished Chrome-plated ends, Satin Chrome Body

Priced exceptionally low—excellent performers, too! Manufactured in accordance with best modern tool engineering . . . lightweight designs, sturdily constructed, accurately machined. Each wrench is hot-forged from Select Steel, oil tempered for extra strength . . . to deliver long service. Heavily Chrome Plated. Factory Guaranteed.

Tool No.	Size	Length	Wt. per Box	Std. Pkg.
6008	1/4"	3 3/4"	4 oz.	6
6010	5/16"	4"	5 oz.	6
6012	3/8"	4 1/2"	7 oz.	6
6014	7/16"	5"	9 oz.	6
6016	1/2"	5 1/2"	14 oz.	6
6018	9/16"	6 1/8"	17 oz.	6
6020	5/8"	6 7/8"	21 oz.	6
6022	11/16"	7 3/4"	30 oz.	6
6024	3/4"	8 3/4"	37 oz.	6
6026	13/16"	10"	3 lbs., 4 oz.	6
6028	7/8"	11"	3 lbs., 10 oz.	6
6030	15/16"	12"	4 lbs., 10 oz.	6
6032	1"	13"	5 lbs., 4 oz.	6
6034	1 1/16"	14"	6 lbs., 6 oz.	6
6036	1 1/8"	15 1/8"	8 lbs., 4 oz.	6
6040	1 1/4"	16 1/8"	10 lbs., 8 oz.	6

SELECT STEEL COMBINATION WRENCH SETS

SELECT STEEL COMBINATION WRENCH SETS



No. 6005 5 pc. Set in Clip

Tool No.	Size	Length	Tool No.	Size	Length
6014	7/16"	5"	6020	5/8"	6 7/8"
6016	1/2"	5 1/2"	6022	11/16"	7 3/4"
6018	9/16"	6 1/8"	Shpg. Wt. ea 18 oz.		Std. Pkg. 1

No. 6006 6 pc. Set in Clip

Tool No.	Size	Length	Tool No.	Size	Length
6014	7/16"	5"	6020	5/8"	6 7/8"
6016	1/2"	5 1/2"	6022	11/16"	7 3/4"
6018	9/16"	6 1/8"	6024	3/4"	8 3/4"

Shpg. Wt. ea 24 oz. Std. Pkg. 1

Every Select Steel Wrench Set illustrated on this page is an outstanding value . . . with extraordinary "built-in" utility and durability at economy prices.

Double-duty Combination Design (Thin-Wall Box Ends and Narrow Open Ends) permits work under close tolerances. Also wrenches are streamlined for balance and easy handling.

Full selection of size ranges. Sets No. 6005 and 6006 come in Metal Clips. Sets No. 6000, 6051 and 6054 are shipped in sturdy Plastic "Roll-up" Kits.

SPECIAL SELECT STEEL COMBINATION WRENCH SETS *(Sold in Sets only—Individual Wrenches not cataloged or sold)* Quality made . . . low priced. Finished in Satin Chrome. 5 or 6 pc. Sets, in Metal Clip.

Catalog No.	Description	Size Range	Wt.
6705	5 pc. Set	7/16" to 11/16"	18 oz.
6706	6 pc. Set	7/16" to 3/4"	24 oz.

Each Set Individually Cartoned

No. 6000 6 pc. Set

Tool No.	Size	Length
6014	7/16"	5"
6016	1/2"	5 1/2"
6018	9/16"	6 1/8"
6020	5/8"	6 7/8"
6022	11/16"	7 3/4"
6024	3/4"	8 3/4"

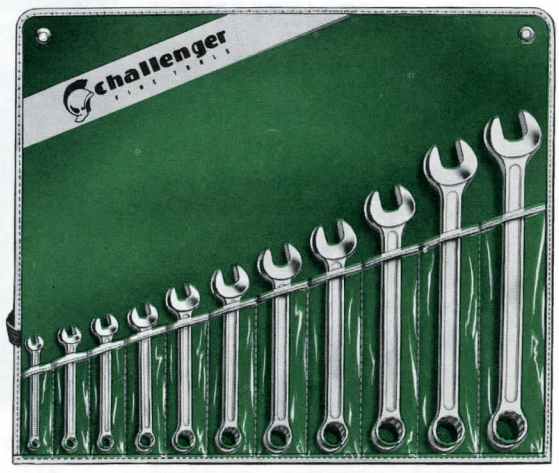
Shpg. Wt. 24 oz. Std. Pkg. 1

No. 6054 14 pieces

Shpg. Wt. 5 3/4 lbs.

Std. Pkg. 1

Tool No.	Size	Length	Tool No.	Size	Length
6008	1/4"	3 3/4"	6022	11/16"	7 3/4"
6010	5/16"	4"	6024	3/4"	8 3/4"
6012	3/8"	4 1/2"	6026	13/16"	10"
6014	7/16"	5"	6028	7/8"	11"
6016	1/2"	5 1/2"	6030	15/16"	12"
6018	9/16"	6 1/8"	6032	1"	13"
6020	5/8"	6 7/8"	6034	1 1/16"	14"



No. 6051 11 pieces

Tool No.	Size	Length	Tool No.	Size	Length
6008	1/4"	3 3/4"	6022	11/16"	7 3/4"
6010	5/16"	4"	6024	3/4"	8 3/4"
6012	3/8"	4 1/2"	6026	13/16"	10"
6014	7/16"	5"	6028	7/8"	11"
6016	1/2"	5 1/2"			
6018	9/16"	6 1/8"			
6020	5/8"	6 7/8"			

Shpg. Wt. 3 lbs.

Std. Pkg. 1

SELECT STEEL

MADE IN AMERICA

ALLOY STEEL

ALLOY STEEL 30° Long Pattern BOX WRENCHES

The finest of box wrenches . . . best quality, design, workmanship, material and finish. Tool bodies are forged from Alloy Steel, heat-treated for maximum strength to withstand powerful leverage and long, rugged service. Ends are Thin-Wall, precision machined to absolutely correct size. Entire wrench surface is plated in mirror finish Chrome. 30° offset pattern, with streamlined, lightweight and balanced handles.

6400 Series

- Modern Thin-Wall Box Ends enable Close Work
- Ample Length for Easy Leverage. Mirror Chrome Plated.
- Box Ends Precision-machined for Absolute Size Accuracy

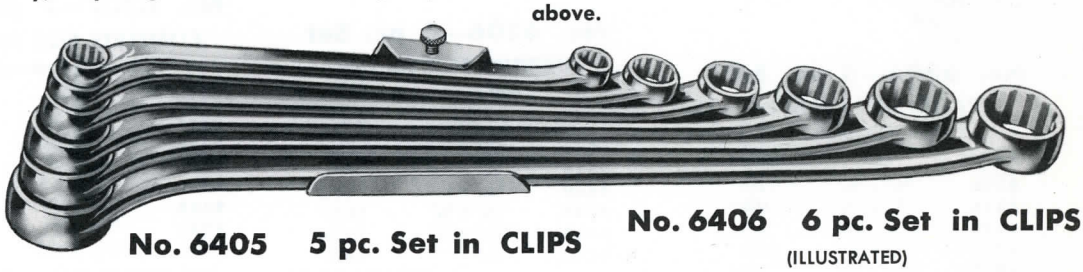
Tool No.	Size	Length	Wt. Ea.	Std. Pkg.
6414	3/8" x 7/16"	7 1/4"	3 oz.	6
6418	1/2" x 9/16"	8 1/4"	4 oz.	6
6420	9/16" x 5/8"	9 7/16	6 oz.	6
6422	5/8" x 11/16"	10 1/4"	7 oz.	6
6424	11/16" x 3/4"	10 7/8"	8 oz.	6
6428	13/16" x 7/8"	12 7/16"	11 oz.	6
6432	15/16" x 1"	14 1/4"	14 oz.	6

ALLOY STEEL BOX WRENCH SETS

ALLOY STEEL BOX WRENCH SETS in CLIPS

Handy steel clip holds these wrench sets firmly and compactly, requiring minimum of storage space.

The box wrenches themselves are unsurpassed for manufacture and performance — see description above.



No. 6405 5 pc. Set in CLIPS

(NOT ILLUSTRATED)

Tool No.	Size	Length
6414	3/8" x 7/16"	7 1/4"
6418	1/2" x 9/16"	8 1/4"
6420	9/16" x 5/8"	9 7/16"
6424	11/16" x 3/4"	10 7/8"
6428	13/16" x 7/8"	12 7/16"

Shpg. Wt. 2 lbs. 2 oz. *Std. Pkg. 1*

No. 6406 6 pc. Set in CLIPS

(ILLUSTRATED)

Tool No.	Size	Length
6414	3/8" x 7/16"	7 1/4"
6418	1/2" x 9/16"	8 1/4"
6420	9/16" x 5/8"	9 7/16"
6424	11/16" x 3/4"	10 7/8"
6428	13/16" x 7/8"	12 7/16"
6432	15/16" x 1"	14 1/4"

Shpg. Wt. 3 lbs. *Std. Pkg. 1*

ALLOY STEEL BOX WRENCH SETS in "ROLL-UP" KITS

Choice of two size ranges—No. 6449 covers medium size range, 3/8" to 7/8" . . . and De Luxe Set No. 6450 has full coverage in graduated sizes from 3/8" to 1". Each Set comes in sturdy, Heavy Plastic "Roll-up" Kit which folds down into compact unit for storage, and keeps tools clean when not in use. Also eyelets at two top corners of opened Kit permit it to be hung on wall if desired.

No. 6449 5 pc. Set

Tool No.	Size	Length
6414	3/8" x 7/16"	7 1/4"
6418	1/2" x 9/16"	8 1/4"
6420	9/16" x 5/8"	9 7/16"
6424	11/16" x 3/4"	10 7/8"
6428	13/16" x 7/8"	12 7/16"

Shpg. Wt. 2 lbs. 2 oz. *Std. Pkg. 1*

No. 6450 6 pc. Set

Tool No.	Size	Length
6414	3/8" x 7/16"	7 1/4"
6418	1/2" x 9/16"	8 1/4"
6420	9/16" x 5/8"	9 7/16"
6424	11/16" x 3/4"	10 7/8"
6428	13/16" x 7/8"	12 7/16"
6432	15/16" x 1"	14 1/4"

Shpg. Wt. 3 lbs. *Std. Pkg. 1*

SELECT STEEL BOX WRENCHES

SELECT STEEL BOX WRENCHES

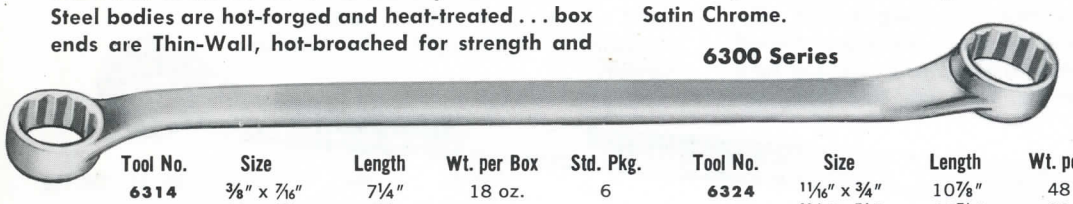
challenger FINE TOOLS

MADE IN AMERICA

30° Long Pattern BOX WRENCHES

Because of their quality features at popular prices, these box wrenches are extraordinary values. Select Steel bodies are hot-forged and heat-treated . . . box ends are Thin-Wall, hot-broached for strength and machined to perfect size. Design is latest flat panel with long handles for leverage. Finished in all-over Satin Chrome.

6300 Series



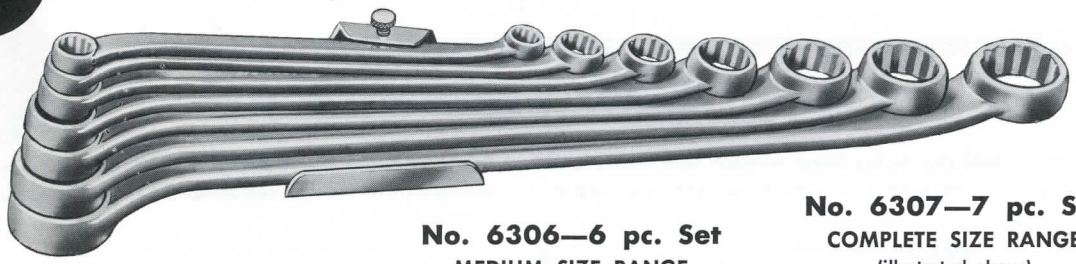
*Precision Box Ends

*Satin Chrome Plate

Tool No.	Size	Length	Wt. per Box	Std. Pkg.	Tool No.	Size	Length	Wt. per Box	Std. Pkg.
6314	3/8" x 7/16"	7 1/4"	18 oz.	6	6324	11/16" x 3/4"	10 7/8"	48 oz.	6
6318	1/2" x 9/16"	8 1/4"	24 oz.	6	6328	13/16" x 7/8"	12 7/16"	66 oz.	6
6320	9/16" x 5/8"	9 7/16"	36 oz.	6	6332	15/16" x 1"	14 1/4"	84 oz.	6
6322	5/8" x 11/16"	10 1/4"	42 oz.	6	6336	1 1/16" x 1 1/8"	15"	96 oz.	6

SELECT STEEL BOX WRENCH SETS

30° Long Pattern BOX WRENCH SETS in CLIPS



No. 6305—5 pc. Set

BASIC SIZE RANGE

(not illustrated)

Tool No.	Size	Length
6314	3/8" x 7/16"	7 1/4"
6318	1/2" x 9/16"	8 1/4"
6320	9/16" x 5/8"	9 7/16"
6324	11/16" x 3/4"	10 7/8"
6328	13/16" x 7/8"	12 7/16"

Shpg. Wt. 1 lb. 14 oz. Std. Pkg. 1

No. 6306—6 pc. Set

MEDIUM SIZE RANGE

(not illustrated)

Tool No.	Size	Length
6314	3/8" x 7/16"	7 1/4"
6318	1/2" x 9/16"	8 1/4"
6320	9/16" x 5/8"	9 7/16"
6324	11/16" x 3/4"	10 7/8"
6328	13/16" x 7/8"	12 7/16"
6332	15/16" x 1"	14 1/4"

Shpg. Wt. 2 lb. 10 oz. Std. Pkg. 1

No. 6307—7 pc. Set

COMPLETE SIZE RANGE

(illustrated above)

Tool No.	Size	Length
6314	3/8" x 7/16"	7 1/4"
6318	1/2" x 9/16"	8 1/4"
6320	9/16" x 5/8"	9 7/16"
6324	11/16" x 3/4"	10 7/8"
6328	13/16" x 7/8"	12 7/16"
6332	15/16" x 1"	14 1/4"
6336	1 1/16" x 1 1/8"	16"

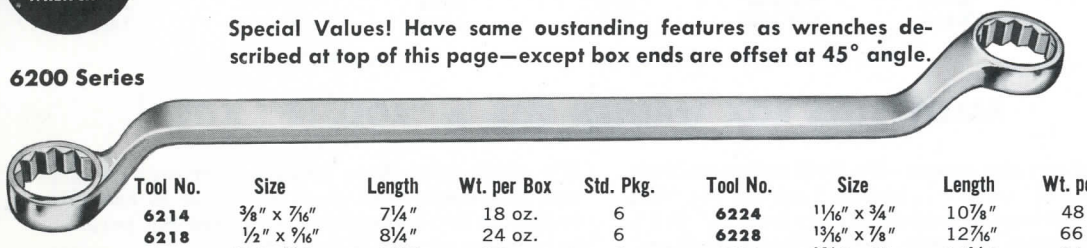
Shpg. Wt. 3 lbs. 14 oz. Std. Pkg. 1

SELECT STEEL BOX WRENCHES

45° Long Pattern BOX WRENCHES

Special Values! Have same oustanding features as wrenches described at top of this page—except box ends are offset at 45° angle.

6200 Series



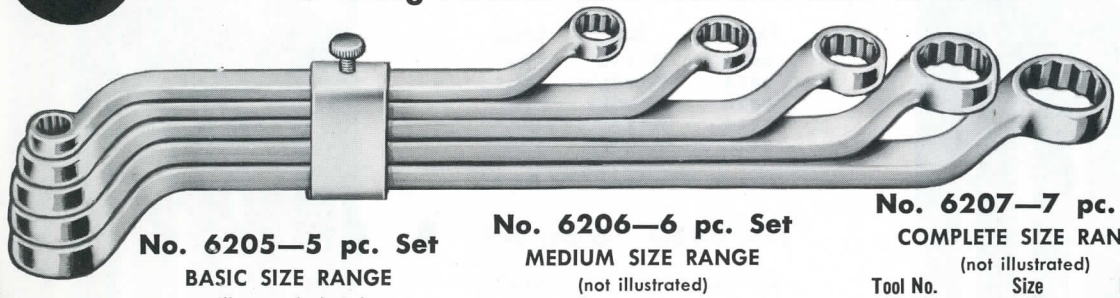
*Precision Box Ends

*Satin Chrome Plate

Tool No.	Size	Length	Wt. per Box	Std. Pkg.	Tool No.	Size	Length	Wt. per Box	Std. Pkg.
6214	3/8" x 7/16"	7 1/4"	18 oz.	6	6224	11/16" x 3/4"	10 7/8"	48 oz.	6
6218	1/2" x 9/16"	8 1/4"	24 oz.	6	6228	13/16" x 7/8"	12 7/16"	66 oz.	6
6220	9/16" x 5/8"	9 7/16"	36 oz.	6	6232	15/16" x 1"	14 1/4"	84 oz.	6
6222	5/8" x 11/16"	10 1/4"	42 oz.	6	6236	1 1/16" x 1 1/8"	15"	96 oz.	6

SELECT STEEL BOX WRENCH SETS

45° Long Pattern BOX WRENCH SETS in CLIPS



No. 6205—5 pc. Set

BASIC SIZE RANGE

(illustrated above)

Tool No.	Size	Length
6214	3/8" x 7/16"	7 1/4"
6218	1/2" x 9/16"	8 1/4"
6220	9/16" x 5/8"	9 7/16"
6224	11/16" x 3/4"	10 7/8"
6228	13/16" x 7/8"	12 7/16"

Shpg. Wt. 1 lb. 14 oz. Std. Pkg. 1

No. 6206—6 pc. Set

MEDIUM SIZE RANGE

(not illustrated)

Tool No.	Size	Length
6214	3/8" x 7/16"	7 1/4"
6218	1/2" x 9/16"	8 1/4"
6220	9/16" x 5/8"	9 7/16"
6224	11/16" x 3/4"	10 7/8"
6228	13/16" x 7/8"	12 7/16"
6232	15/16" x 1"	14 1/4"

Shpg. Wt. 2 lb. 10 oz. Std. Pkg. 1

No. 6207—7 pc. Set

COMPLETE SIZE RANGE

(not illustrated)

Tool No.	Size	Length
6214	3/8" x 7/16"	7 1/4"
6218	1/2" x 9/16"	8 1/4"
6220	9/16" x 5/8"	9 7/16"
6224	11/16" x 3/4"	10 7/8"
6228	13/16" x 7/8"	12 7/16"
6232	15/16" x 1"	14 1/4"
6236	1 1/16" x 1 1/8"	16"

Shpg. Wt. 3 lbs. 14 oz. Std. Pkg. 1

SELECT STEEL

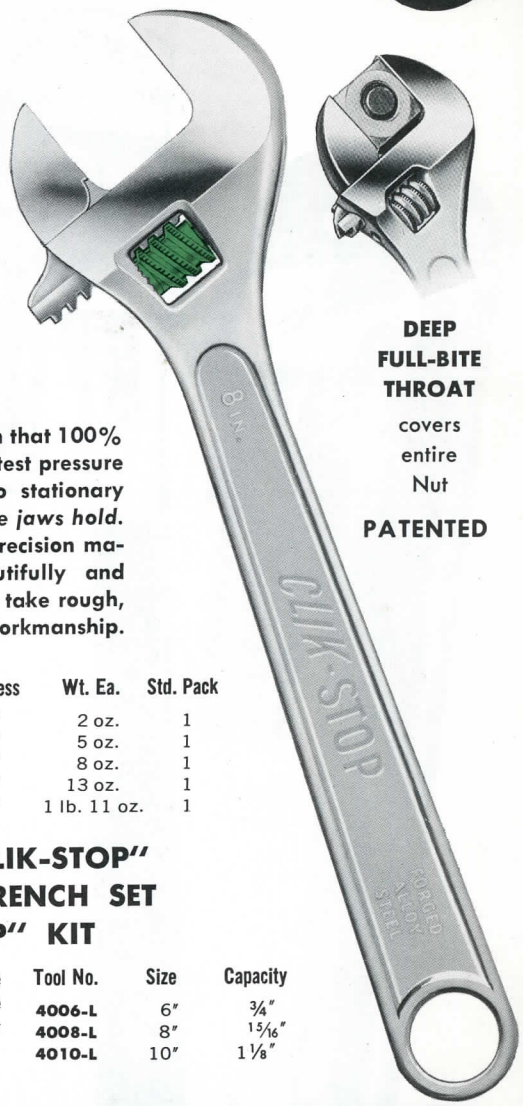
ALLOY STEEL

REVOLUTIONARY *New Self-Locking*

CLIK-STOP

ADJUSTABLE WRENCHES

ALLOY "CLIK-STOP" WRENCH



DEEP FULL-BITE THROAT covers entire Nut

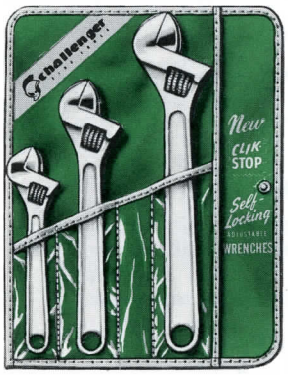
PATENTED

HOLDS JAW SETTINGS AUTOMATICALLY . . .

NO LEVERS . . . NO GADGETS NO EXTRA MECHANISM

Biggest advance in years . . . the First and Only Adjustable Wrench that 100% *automatically holds jaw settings!* Entirely New Principle—the slightest pressure on handle locks tough precision grooves on adjusting nut into stationary grooves on wrench frame. *And the harder you pull, the tighter the jaws hold.* In every other detail, too, "Clik-Stop" is the finest . . . rugged, precision machined from drop-forged and tempered Alloy Steel . . . beautifully and accurately machined . . . fully Plated in flashing Chrome. Built to take rough, hard service—and Factory Guaranteed for Best Materials and Workmanship.

Tool No.	Size	Capacity	Thickness	Wt. Ea.	Std. Pack
4004-L	4″	½″	5/16″	2 oz.	1
4006-L	6″	¾″	13/32″	5 oz.	1
4008-L	8″	15/16	15/16″	8 oz.	1
4010-L	10″	1⅛″	9/16″	13 oz.	1
4012-L	12″	1 5/16″	¾″	1 lb. 11 oz.	1



No. 4000-L "CLIK-STOP" ADJUSTABLE WRENCH SET in "ROLL-UP" KIT

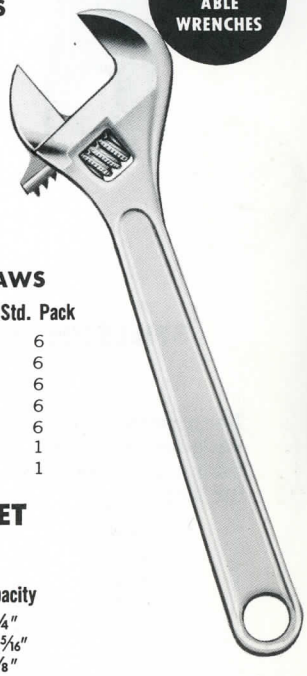
No other adjustable wrench set like this—because the 3 wrenches are Self-Locking "Clik-Stop." In heavy Plastic "Roll-up" Kit.

Tool No.	Size	Capacity
4006-L	6″	¾″
4008-L	8″	15/16″
4010-L	10″	1⅛″

FINE QUALITY ALLOY ADJUSTABLE WRENCHES

CHOICE OF CHROME PLATED OR NATURAL FINISH WITH POLISHED JAWS

ALLOY ADJUSTABLE WRENCHES



Mechanics' grade Adjustable Wrenches with deep, unobstructed throat that prevents slipping by full "bite" on both hex and square nuts. Easy to handle . . . lightweight construction with velvet smooth precision-mesh teeth. Tough heat-treated Alloy Steel throughout; stress points oil tempered.

CHROME PLATED ALLOY

Tool No.	Size	Capacity	Thickness	Wt. Ea.	Std. Pack
4004	4″	½″	5/16″	2 oz.	1
4006	6″	¾″	13/32″	5 oz.	1
4008	8″	15/16″	15/32″	8 oz.	1
4010	10″	1⅛″	9/16″	13 oz.	1
4012	12″	1 5/16″	¾″	1 lb. 11 oz.	1
4216	16″	1⅞″	15/16″	3 lbs. 6 oz.	1
4220	20″	2½″	1 5/32″	6 lbs.	1

NATURAL FINISH ALLOY, POLISHED JAWS

Tool No.	Size	Capacity	Thickness	Wt. Ea.	Std. Pack
4204	4″	½″	5/16″	2 oz.	6
4206	6″	¾″	13/32″	5 oz.	6
4208	8″	15/16″	15/32″	8 oz.	6
4210	10″	1⅛″	9/16″	13 oz.	6
4212	12″	1 5/16″	¾″	1 lb. 11 oz.	6
4216	16″	1⅞″	15/16″	3 lbs. 6 oz.	1
4220	20″	2½″	1 5/32″	6 lbs.	1

No. 4000 ADJUSTABLE WRENCH SET in "ROLL-UP" KIT

Balanced Assortment of 3 Adjustable Wrenches in most often used sizes. Wrenches are finished in Bright Chrome. In heavy Plastic "Roll-up" Kit.

Tool No.	Size	Capacity
4006	6″	¾″
4008	8″	15/16″
4010	10″	1⅛″

Shpg. Wt. 1¾ lbs. *Std. Pkg. 1*

PIPE WRENCHES

challenger FINE TOOLS

MADE IN AMERICA

EXTRA RUGGED STEEL

HEAVY DUTY

STILLSON PATTERN

EXTRA RUGGED—EXTRA STRONG
PIPE WRENCHES

As powerful, as rugged and as efficient as they look . . . each of these extra-strong pipe wrenches is built to take hard, long, punishing use. Bodies and heads are hot-forged from special analysis steel, heat-treated. Handles are I-beam construction for greatest strength with least weight. Deeply-milled jaw teeth grip with solid "bite", are scientifically hardened for extra-long-life. Adjusting nuts have rounded and burr-free inside threads for smoothest operation. Choice of standard Stillson or Heavy-duty Patterns in big range of sizes.

HEAVY DUTY

Brutes for strength—engineered to tackle the roughest jobs. Heavier construction throughout than standard Stillson pattern, yet proper weight distribution eases work, minimizes fatigue.

Tool No.	Size	Capacity	Wt. Ea.	Std. Pkg.
4406	6″	¾″	7 oz.	1
4408	8″	1″	11 oz.	1
4410	10″	1½″	1½ lbs.	1
4414	14″	2″	3½ lbs.	1
4418	18″	2½″	5 lbs. 12 oz.	1
4424	24″	3″	9 lbs. 6 oz.	1

STILLSON PATTERN

Far exceed Government Specifications for normal duty—also they are the only wrenches with frame finely-machine-ground to perfect flatness; and top jaws finished in same manner on top, sides and front.

Tool No.	Size	Capacity	Wt. Ea.	Std. Pkg.
4106	6″	½″	5 oz.	6
4108	8″	¾″	11 oz.	6
4110	10″	1″	1 lb. 8 oz.	6
4114	14″	1½″	2 lbs. 10 oz.	6
4118	18″	2″	4 lbs.	2
4124	24″	2½″	7 lbs. 4 oz.	2

REPAIR PARTS FOR PIPE WRENCHES. Replacement parts are available for all pipe wrenches listed above. See price list.

No. 4100
STILLSON PATTERN PIPE WRENCHES in "ROLL-UP" KIT

For general work . . . includes 8″, 10″ and 14″ Stillson pattern wrenches, described above, which will efficiently handle pipes, tubing, etc. up to 1½″ diameter. Handy Plastic "Roll-Up" Kit for storage.

Tool No.	Size	Capacity
4108	8″	¾″
4110	10″	1″
4114	14″	1½″

Shpg. Wt. 5 lbs. *Std. Pkg. 1*

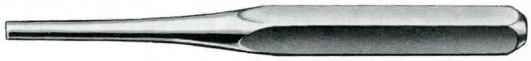
ALLOY PUNCHES

Solid Alloy, hardened and tempered to withstand powerful blows and side pulls, forms the bodies of these mechanics' grade punches. For heavy-duty service with chamfered butts to prevent splitting. Stocks are square for firm grip. Full Chrome Plating (satin on stocks and high-polish on tapers) protects against acid and corrosion . . . and provides a beautiful finish worthy of these fine quality tools.

PIN PUNCHES

Tool No.	Length	Sq. Stock	Pt. Diam.	Shpg. Wt.	Std. Pkg.
61	4 3/8"	1/4"	3/32"	1 oz.	6
62	4 7/8"	1/4"	1/8"	1 oz.	6
63	5 5/16"	5/16"	5/32"	2 oz.	6
64	5 3/4"	3/8"	3/16"	2 1/2 oz.	6
65	6"	7/16"	7/32"	4 oz.	6

65



A necessity for automotive, shafting and general machinery work . . . designed for drifting out all kinds of keys and sheared bolts. Five sizes for every need.

CENTER PUNCH

Tool No.	Length	Square Stock	Shpg. Wt.	Std. Pkg
90	5 5/16"	1/2"	4 1/2 oz.	6

90

Marks the point in metal where hole is to be drilled, also makes indentation for starting drill end.

PRICK PUNCHES

Tool No.	Length	Sq. Stock	Shpg. Wt.	Std. Pkg.
87	4 15/16"	3/8"	2 1/2 oz.	6
88	5 15/16"	1/2"	5 oz.	6

87

Pierce all types of sheet metal with well-rounded hole preparatory to inserting screws, bolts, etc.

LONG TAPER PUNCHES

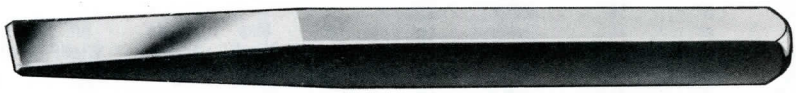
93

Tool No.	Length	Sq. Stock	Pt. Diam.	Shpg. Wt.	Std. Pkg.
93	8 7/8"	5/16"	3/32"	2 1/2 oz.	6
94	8 7/8"	3/8"	1/8"	4 oz.	6
95	8 7/8"	7/16"	5/32"	5 1/2 oz.	6

Precision engineered to service all types of automotive and general machinery . . . lines up holes for bolting or riveting.

ALLOY COLD CHISELS

76



Mechanics' grade cold chisels at popular prices. And for rugged strength under continuous hard usage . . . also for ability to hold cutting edges . . . no better choice can be made. Note these other quality features—alloy bodies hardened and tempered . . . "non-split" chamfered butt ends . . . "firm-grip" square stocks . . . full chrome plate with satin finish on handles and high polish on cutting ends.

Tool No.	Length	Sq. Stock	Cut. Edge	Shpg. Wt.	Std. Pkg.
71	5"	1/4"	1/4"	1 1/2 oz.	6
72	5 5/8"	3/16"	3/8"	2 1/2 oz.	6
73	6"	3/8"	1/2"	3 1/2 oz.	6
74	7"	1/2"	5/8"	7 oz.	6
75	7 1/2"	5/8"	3/4"	11 1/2 oz.	6
76	8"	3/4"	7/8"	17 1/2 oz.	6

PUNCH & CHISEL SETS

No. 98
5 pc. Set in Wood Stand

Ideal general purpose set. Wood stand holds punches and chisels upright, ready for immediate use.

Tool No.	Description
61	Pin Punch
64	Pin Punch
72	Chisel
73	Chisel
87	Prick Punch
	Wooden Stand

Shpg. Wt. 1 lb. Std. Pkg. 1

No. 99
5 pc. Set in "ROLL-UP" Kit

Same punches and chisels as in Set No. 98, except comes in "Roll-Up" Kit for compact and clean storage.

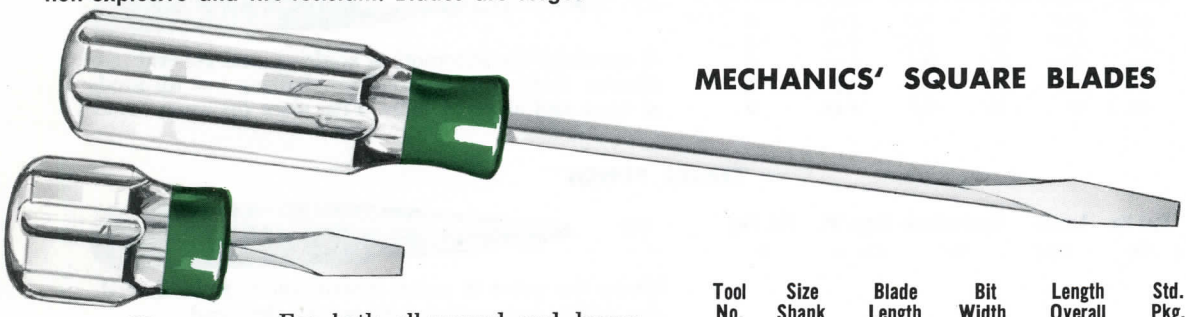
Tool No.	Description
61	Pin Punch
64	Pin Punch
72	Chisel
73	Chisel
87	Prick Punch

Shpg. Wt. 14 oz. Std. Pkg. 1

MADE IN AMERICA

PRECISION MADE SCREWDRIVERS
with UNDERWRITERS LISTED HANDLES

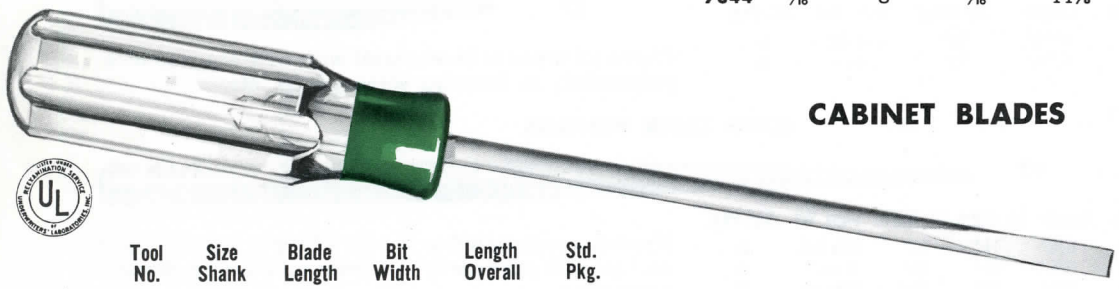
Design, materials and workmanship second to none make these popular-priced screwdrivers outstanding values. Handles are shaped for comfortable and sure grip . . . are made of tough, clear plastic which is *Underwriters Approved* shock-proof, shatter-proof, non-explosive and fire-resistant. Blades are forged from special steel, heat treated, hardened against chipping and rust-resistant plated. Bits are precision ground to accurate fit. The three different style blades in a variety of sizes, plus three Phillips' blades, provide a well-rounded selection.



MECHANICS' SQUARE BLADES

For both all-around and heavy-duty service. Wrench can be used on square shank for leverage.

Tool No.	Size Shank	Blade Length	Bit Width	Length Overall	Std. Pkg.
7341	1/4"	1 1/4"	1/4"	3 3/16"	12
7342	1/4"	4"	1/4"	7 1/4"	12
7343	1/4"	6"	1/4"	9 7/8"	12
7344	5/16"	8"	5/16"	11 7/8"	12

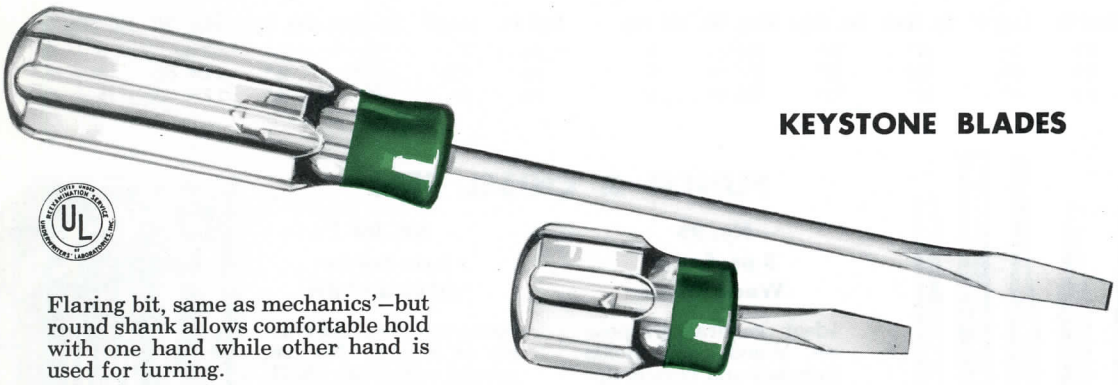


CABINET BLADES

Tool No.	Size Shank	Blade Length	Bit Width	Length Overall	Std. Pkg.
7352	1/8"	1 5/8"	1/8"	4"	12
7353	1/8"	3"	1/8"	5 7/8"	12
7354	1/8"	4"	1/8"	6 7/8"	12
7355	1/8"	5"	1/8"	7 7/8"	12
7356	1/8"	6"	1/8"	8 7/8"	12
7358	1/8"	8"	1/8"	10 7/8"	12
7360	1/8"	9 3/4"	1/8"	12 5/8"	12
7362	3/16"	1 1/2"	3/16"	4 15/16"	12
7364	3/16"	4"	3/16"	7 7/16"	12
7365	3/16"	5"	3/16"	8 7/16"	12
7366	3/16"	6"	3/16"	9 7/16"	12
7368	3/16"	8"	3/16"	11 7/16"	12
7372	1/4"	2"	1/4"	5 7/8"	12
7374	1/4"	4"	1/4"	7 7/8"	12

Bit is same width as shank . . . fits into tight places. Especially preferred for electrical work.

Tool No.	Size Shank	Blade Length	Bit Width	Length Overall	Std. Pkg.
7375	1/4"	5"	1/4"	8 7/8"	12
7376	1/4"	6"	1/4"	9 7/8"	12
7378	1/4"	8"	1/4"	11 7/8"	12
7380	1/4"	9 3/4"	1/4"	13 5/8"	12
7381	1/4"	1 1/8" Phil. #2		4 3/8"	12
7382	3/16"	3" Phil. #1		6 7/16"	12
7384	1/4"	4" Phil. #2		7 7/8"	12



KEYSTONE BLADES

Flaring bit, same as mechanics'—but round shank allows comfortable hold with one hand while other hand is used for turning.

Tool No.	Size Shank	Blade Length	Bit Width	Length Overall	Std. Pkg.
7304	1/8"	4"	1/8"	6 7/8"	12
7306	1/8"	6"	1/8"	8 7/8"	12
7322	1/4"	2"	1/4"	5 7/8"	12
7324	1/4"	4"	1/4"	7 7/8"	12
7326	1/4"	6"	1/4"	9 7/8"	12

Tool No.	Size Shank	Blade Length	Bit Width	Length Overall	Std. Pkg.
7328	1/4"	8"	1/4"	11 7/8"	12
7330	1/4"	9 3/4"	1/4"	13 5/8"	12
7334	5/16"	4"	5/16"	8 3/16"	12
7335	5/16"	5"	5/16"	9 3/16"	12
7336	5/16"	6"	5/16"	10 3/16"	12
7338	5/16"	8"	5/16"	12 3/16"	12

UNDERWRITERS LISTED

•

HEAT TREATED and RUST RESISTANT

HIGH QUALITY STEEL

•

CLEAR PLASTIC HANDLES

Shatterproof
Shock-proof
Non-Explosive
Fire Resistant

Socketeers®

SOLD IN SETS ONLY—*(Individual Tools not Cataloged or Sold)*

Rock bottom price, big volume sellers with instantly apparent value. Sockets and handles are special analysis steel, heat treated, hardened, plated. Pouches included.

No. 9150—9 pcs. Seven ¼" Hex. Dr. Sockets, ¼" to 7/16". Ell handle; plastic pouch.

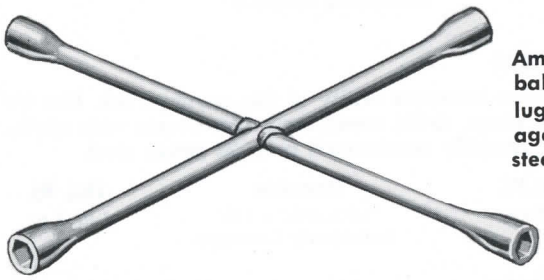
No. 9155—10 pcs. Eight ½" Hex. Dr. Sockets, 7/16" to 15/16". Ell handle; plastic pouch.

No. 9160—12 pcs. Eight ½" Hex. Dr. Sockets 7/16" to 15/16". Ratchet; adapter; Ell handle; plastic pouch.

No. 9165—20 pcs. Eight ½" Hex. Dr. Sockets, 7/16" to 15/16"; ratchet; adapter. Seven ¼" Hex. Dr. Sockets, ¼" to 7/16"; 2 ell handles; plastic pouch.

Catalog No.	Description	Std. Pkg.	Total Wt.
9150	9-pc. ¼" Hex Drive	100	12 lbs.
9155	10-pc. ½" Hex Drive	50	70 lbs.
9160	12-pc. ½" Hex Drive	50	100 lbs.
9165	20-pc. ¼" and ½" Hex Drives	50	106 lbs.

AUTO WHEEL LUG WRENCHES



AUTO WHEEL LUG WRENCHES

Ample leverage for freeing wheel nuts easily, also correct balance to spin them off. Openings cover all popular lug nuts. 3 lengths—14" (general use), 16" (extra leverage), 20" (for deep or skirted fenders). Rugged selected steel; hot-forged sockets.

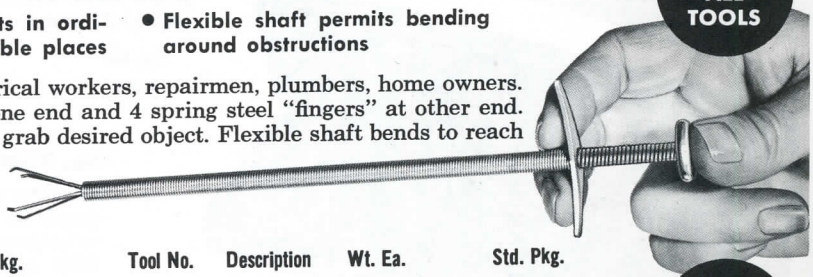
Tool No.	Length	Opening Sizes	Shpg. Wt.	Std. Pkg.
9414	14"	¾", ¾", 13/16" & ⅞"	2½ lbs.	12
9416	16"	¾", ¾", 13/16" & ⅞"	2¾ lbs.	12
9420	20"	¾", ¾", 13/16" & ⅞"	3½ lbs.	12

"GRAB-ALL" TOOLS

"GRAB-ALL" TOOLS

- **Picks up objects in ordinarily inaccessible places**
- **Flexible shaft permits bending around obstructions**

Indispensable for mechanics, electrical workers, repairmen, plumbers, home owners. Slim flexible shaft has button at one end and 4 spring steel "fingers" at other end. Simply press button and "fingers" grab desired object. Flexible shaft bends to reach into blind spots. Non-Magnetic. Rust resistant finish.



Tool No.	Description	Wt. Ea.	Std. Pkg.	Tool No.	Description	Wt. Ea.	Std. Pkg.
8812	12" long	1½ oz.	1 individually carded	**8818**	18" long	2½ oz.	1 individually carded
8815	15" long	2 oz.	1 individually carded	**8824**	24" long	3 oz.	1 individually carded

SELECT STEEL SPECIAL WRENCH SETS

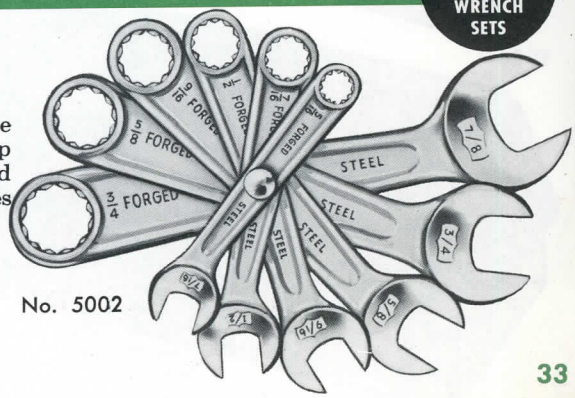
SELECT STEEL AUTO-KIT WRENCH SETS

(SOLD IN SETS ONLY—*Individual Wrenches not Cataloged or Sold*)

Handy, low cost set for automotive and general use. Has double utility, combining both open ends and 12 pt. box ends. Drop forged from select steel, with permanent size markings stamped in steel next to each size opening. Center bolt holds wrenches in one unit for storage.

Catalog No.	Description	Finish	Size Range	Wt.
5002	6 pc. Set	Chrome	7/16" to ⅞"	1 lb.
5005	5 pc. Set	Chrome	7/16" to ¾"	12 oz.

Each Set Individually Cartoned



TOOL BOXES

challenger FINE TOOLS

MADE IN AMERICA

ALL-STEEL EXTRA-STRONG TOOL BOXES

- Precision made to Rigid Specifications
- Extra-durable High Gloss Hammerloid Finish
- Compact, Streamlined Rounded Corners
- Popular Priced and Factory Guaranteed

For anyone who uses hand tools, this broad selection of all-steel boxes fills every need . . . from miniature boxes for 1/4" drive socket items to a big, roomy chest. Features include all-welded construction . . . rounded corners . . . comfortable, durable handles . . . sturdy hardware fittings . . . and glistening hammerloid automotive finish. Thus no detail has been omitted in making these tool boxes the finest in appearance, convenience and service.

Extra Strong

ALL STEEL

9001

No. 9001

Midget utility size with partition. Spring hasp holds cover closed. 24 gauge steel.

Cat. No.	Dimensions	Ship. Wt.
9001	6¾"x3"x1¼"	8 oz.

Individually cartoned

9003

No. 9002 *(not illustrated)*

Same as box No. 9001 above, but has no partition. 24 gauge steel.

Cat. No.	Dimensions	Shpg. Wt.
9002	6¾"x3"x1¼"	8 oz.

Individually cartoned

No. 9003

Handy utility size with partition. Spring hasp. 22 gauge steel.

Cat. No.	Dimensions	Ship. Wt.
9003	10¼"x2¼"x1¼"	13 oz.

Individually cartoned

9009

No. 9009

Spark plug and drill utility size. Cover is held firmly closed by spring hasp in center. 22 gauge steel.

Cat. No.	Dimensions	Shpg. Wt.
9009	10" x 4 3/16" x 1½"	1 lb.

Individually cartoned

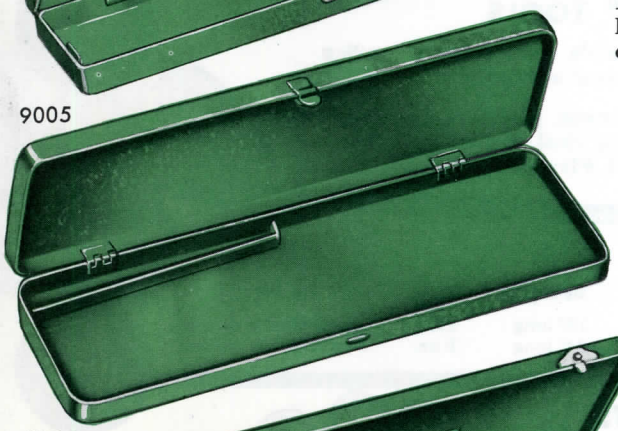
9023

No. 9023

Partition increases utility of this compact box. Use for spark plugs, drills, small tools, etc. Closes with spring hasp. Sturdily constructed from 22 gauge steel.

Cat. No.	Dimensions	Shpg. Wt.
9023	10" x 4 3/16" x 1½"	1 lb. 1 oz.

Individually Cartoned



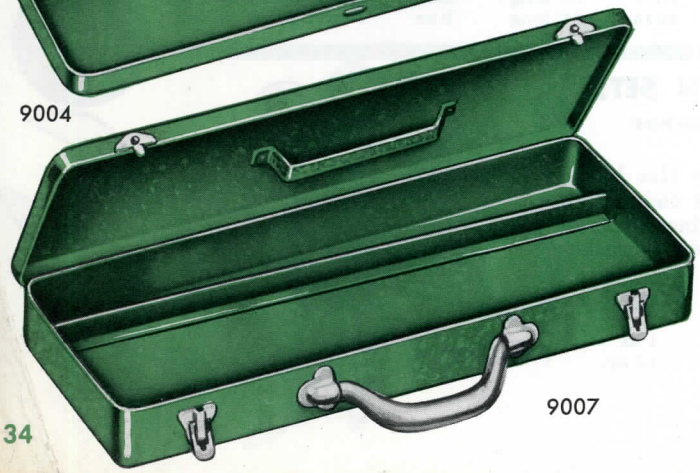
9005

No. 9005

For general utility . . . long and narrow box which holds larger tools. Cover shuts tightly with friction catch in center. 22 gauge steel.

Cat. No.	Dimensions	Shpg. Wt.
9005	17½" x 5¼" x 2"	3¼ lbs.

Individually cartoned



9004

No. 9004

Medium utility size (17½"x5½") with shallow depth so tools are easily accessible. Partition in back corner for holding smaller tools. Comes with center spring hasp for holding cover closed. 22 gauge steel.

Cat. No.	Dimensions	Shpg. Wt.
9004	17½" x 5½" x 1¼"	1 lb. 11 oz.

Individually cartoned

9007

No. 9007

All-purpose utility size with ample storage room for an average tool set. Partition divides box into compartments. Strap steel metal hanger beneath the cover can be used for holding speeder or other tool. Two snap catches. 22 gauge steel.

Cat. No.	Dimensions	Shpg. Wt.
9007	17½" x 7 3/16" x 1¾"	4 lb. 8 oz.

Individually cartoned

TOOL BOXES

ALL STEEL TOOL BOXES

MADE IN AMERICA

Extra Strong

ALL STEEL

No. 9014

Compact hip-roof box with sufficient room for long handled tools. Two partition compartment for smaller items. Full-length piano hinge attaches cover to box. Metal carrying handle; two snap catches; also center hasp which can be padlocked, 22 gauge steel.

Cat. No.	Dimensions	Ship. Wt.
9014	18½″ x 5¾″ x 3⅝″ Individually cartoned	3 lbs. 4 oz.

9014

No. 9011

Large hip-roof box which features a handy tote-tray (with partition) for carrying selected tools to job. Cover opens on sturdy full-length piano hinge, also box is reinforced with four corner irons. Metal carrying handle, two snap catches and strong center hasp for padlock. 22 gauge steel.

Cat. No.	Dimensions	Ship. Wt.
9011	19″ x 7″ x 8¾″ Individually cartoned	9 lbs. 5 oz.

9011

No. 9010 *(not illustrated)*

Identical in construction and features to No. 9011 above, but more compact and smaller capacity. 22 gauge steel.

Cat. No.	Dimensions	Ship. Wt.
9010	20″ x 6″ x 5½″ Individually cartoned	6 lbs. 11 oz.

9012

No. 9012

This unique and exceptionally handy hip-roof box features two equal-size covers which overlap in center. Opens and shuts quicker than any other box. Covers remain securely closed when lifted by two metal handles, which can be padlocked together. Full-length piano hinges on each cover, also has 3-compartment tote-tray. Big, roomy, holds lots of tools. 22 gauge steel.

Cat. No.	Dimensions	Ship. Wt.
9012	22″ x 8¼″ x 7½″ Individually cartoned	10 lbs.

9016

No. 9016

Outstanding value—a quality tool chest, yet priced exceptionally low! Two easy-sliding drawers and 3-compartment tote-tray provide generous room. Top lid has full-length piano hinge. Closes with two snap catches; also when lid is down an automatic lock firmly holds the two drawers in closed position. Thus when padlock is used in hasp on front of lid, the entire chest is locked. Carrying handle on top. Sturdily constructed. High gloss hammerloid finish. 22 gauge steel.

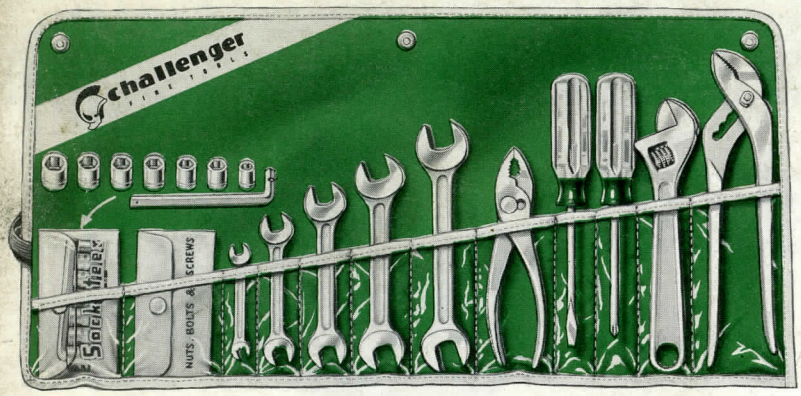
Cat. No.	Dimensions	Ship. Wt.
9016	20″ x 8⅝″ x 9½″ Individually Cartoned	18¼ lbs.

9015

No. 9015

Master Mechanics' chest . . . with the plus features, convenience and extra room the finest craftsmen desire for working with hand tools. In addition to the large tote-tray and top compartment, there are two full-size drawers that pull out with metal handles. Front panel which is attached to cover (see illustration) fits over the drawers when not in use, holding them securely and forming a smooth side. Panel comes with lock which protects entire contents of chest. Two side handles for easy portability. Rugged, handsome, precision-made . . . finished in high gloss hammerloid with de luxe fittings. 22 gauge steel throughout.

Cat. No.	Dimensions	Ship. Wt.
9015	22½″ x 10¼″ x 10½″ Individually cartoned	29 lbs. 4 oz.



No. 6180—21-Piece ALL-PURPOSE KIT

Everyone needs this Kit! Has basic tools for countless repairs and adjustments on appliances, motors, autos, bikes, mowers, plumbing, furnaces, radio, TV, electrical work, etc. Comes with Five Open End Wrenches (¼″ to ¾″), 6″ Slip-joint Plier, big leverage 9″ 5-adjustment Plier, 8″ Mechanics and Phillips Screwdrivers, 8″ Adjustable Wrench, 9-piece Socket Set (¼″ to 7/16″) and pouch for nuts, bolts and screws . . . all in a 22″ x 11″ durable Plastic "Roll-up" Kit. *Shpg. Wt. 3¼ lbs.*

No. 6165—3-piece WRENCH & PLIER KIT

The three most often used tools in compact Plastic "Roll-up" Kit. 6″ Slip-joint Plier for general use . . . 8″ Adj. Wrench with "Full-bite-jaw" for nuts up to 15/16″ . . . and rugged 10″ Pipe Wrench (1″ capacity). Top Quality. *Shpg. Wt. 2½ lbs.*

Special

challenger

KITS

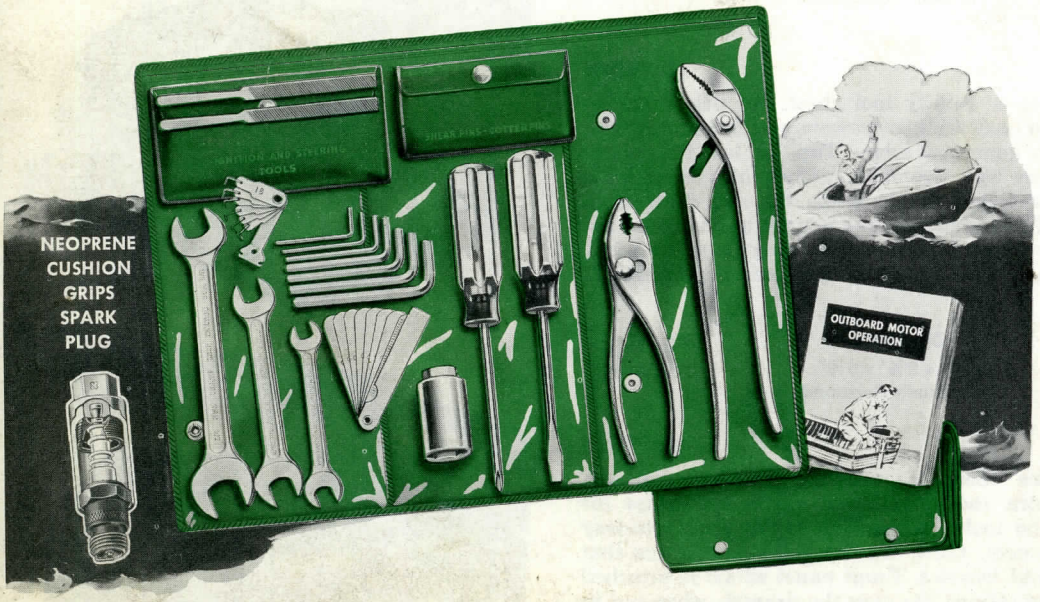
Because of their Outstanding Utility, together with Finest Quality at low popular price, these 4 Special Kits are among the most widely used tool assortments in America today.

★ ★ ★
MADE IN AMERICA

No. 6175—5-piece HANDI-KIT

Think of the many jobs which this 5-piece Set will do . . . repays its small cost several times over! Look at what you get—10″ Pipe Wrench, 8″ Adjustable Wrench for nuts to 15/16″, 6″ Slip-joint Plier, 4″ Keystone - blade Screwdriver and Phillips #1 Screwdriver with 3″ blade. Heavy Plastic "Roll-up" Kit included. *Shpg. Wt. 2¾ lbs.*

No. 6190—36-pc. OUTBOARD & SMALL MOTOR MAINTENANCE KIT



- NEW! . . . FOR MAKING "ON THE SPOT" REPAIRS & ADJUSTMENTS
- SPECIAL MANUAL (INCLUDED) TELLS HOW TO DO JOBS EASILY
- FINE QUALITY . . . FACTORY GUARANTEED

For outboard motor repairs and adjustments. IDEAL TOO FOR POWER MOWERS, SMALL GAS ENGINES, ETC. Manual tells how to do jobs easily, quickly. Also has SPARK-PLUG-HOLDING-SOCKET which grips plug firmly so it will not fall into water, crack porcelain or burn hands. Other tools are 3 Open End Wrenches ⅜″ to ¾″; 8″ Phillips Screwdriver; 8″ Mechanics Screwdriver; 9½″ All-purpose Plier; 6″ Mechanics Plier; 2 Ignition Files; 7-pc. Spark Adjusting Tools; 10-pc. Feeler Gauges; 7-pc. Set Screw Wrench Set in Kit; Sheer & Cotter Pin Pouch. "Roll-up" Kit included. *Shpg. Wt. 3 lbs.*

PENENS TOOL CORPORATION, SCHILLER PARK, ILLINOIS

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Canadian Plant
London, Ontario

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